

! L2 IR Channel Properties IN_FLIGHT, VERSION 6.2.1 9 July 2002

! This file summarizes AIRS IR Channel Properties for use by the Science Team

! SUMMARY

! Number of Bad Channels: 275
! Number of Channels with poor SRF's: 238
! Number of Good Channels with NeDT > 1: 11
! Number of Good Channels with NeDT > 0.5: 89

! VERSION HISTORY

! Version 6.2.1, 9 July 2002

! Calibration Data (new preceded by *)

! *Cal Properties: ./pf_cal_coefs/v2_props/cal_props.v2.4.4.txt
! Spatial: /netappl/act/src/idl/util/channel_prop/v6.1/56X.cij.d.v2.3_eff.dat
! RTA Error: /netappl/act/src/idl/util/channel_prop/v6.1/rms_m16.txt

! Version 6.0.4, 18 July 2002 (bug fix for version 6.0.3)

! Calibration Data (new preceded by *)

! Root Directory: /netappl/instttest/
! *Cal Properties: ./pf_cal_coefs/v2_props/cal_props.v2.4.1.txt
! *Spectral Data : ./pf_cal_coefs/spec_coefs/v2.4/spectral_coefs.txt
! Polarization: ./pf_cal_coefs/v1_coefs/pol_coefs.txt
! NEDTs: ./sts/C2_guard/nedts/outputs/flt/22_nedts.txt
! *Noise Stats: ./sts/C7_sv_nse/sv_nse/outputs/flt/55_sv_nse.txt
! *Pops: ./sts/C7_sv_nse/sv_nse/outputs/flt/55_sv_nse.txt
! Residuals: ./pf_cal_coefs/rad_coefs/with_pol_corr/ABsides40deg/resid_calc.txt
! *Spatial: /netappl/act/src/idl/util/channel_prop/v6/56X.cij.d.v2.3_eff.dat
! *AB_State: ./sts/C2_guard/ab_opt/outputs/flt/combined_tests/28ABstate.txt
! RTA Error: /asl/packages/sartaV102/Doc/rms_m16.txt

! Version 6.0.2, 09 July 2002

! Calibration Data (new preceded by *)

! Root Directory: /netappl/instttest/
! *Cal Properties: ./pf_cal_coefs/v2_props/cal_props.v2.4.txt
! Spectral Data : ./pf_cal_coefs/spec_coefs/v2.3/spectral_coefs.txt
! Polarization: ./pf_cal_coefs/v1_coefs/pol_coefs.txt
! NEDTs: ./sts/C2_guard/nedts/outputs/flt/22_nedts.txt
! Noise Stats: ./sts/C7_sv_nse/sv_nse/outputs/flt/21_sv_nse.txt
! Pops: ./sts/C7_sv_nse/sv_nse/outputs/flt/21_sv_nse.txt
! Residuals: ./pf_cal_coefs/rad_coefs/with_pol_corr/ABsides40deg/resid_calc.txt
! Spatial: ./pf_cal_coefs/spa_coefs/56X.cij.d.v2.3.dat
! *AB_State: ./sts/C2_guard/ab_opt/outputs/flt/28ABstate.txt
! RTA Error: /asl/packages/sartaV102/Doc/rms_m16.txt

! Version 6.0.1, 09 July 2002

! Calibration Data (new preceded by *)

! Root Directory: /netappl/instttest/
! *Cal Properties: ./pf_cal_coefs/v2_props/cal_props.v2.3.1.txt
! *Spectral Data : ./pf_cal_coefs/spec_coefs/v2.3/spectral_coefs.txt
! Polarization: ./pf_cal_coefs/v1_coefs/pol_coefs.txt
! *NEDTs: ./sts/C2_guard/nedts/outputs/flt/22_nedts.txt
! *Noise Stats: ./sts/C7_sv_nse/sv_nse/outputs/flt/21_sv_nse.txt
! *Pops: ./sts/C7_sv_nse/sv_nse/outputs/flt/21_sv_nse.txt
! Residuals: ./pf_cal_coefs/rad_coefs/with_pol_corr/ABsides40deg/resid_calc.txt
! Spatial: ./pf_cal_coefs/spa_coefs/56X.cij.d.v2.3.dat
! *AB_State: ./sts/C2_guard/ab_opt/outputs/flt/17ABstate.txt
! RTA Error: /asl/packages/sartaV102/Doc/rms_m16.txt

! Version 6.0.0, 09 July 2002

!
! In-flight calibration data, applies to spectrometer on 14 June 2002
! before adjustment of spectrometer temperature at 2100UT
! Spectrometer Temperature: 156.1K
!

! Changes:

! FILE FORMAT CHANGE, additional i3 column before Radiometric Quality!
! Detectors are now marked "bad" for anomalous spatial centroids and a
! a tighter criteria on SRF quality - (shorted detectors are marked bad)
! Those interested in using "bad" detectors should examine Comment field.
! Detectors indicated as "Spatial", "Poor SRF" or "Bad SRF" may be usable
! for some types of analyses.
! NeDT for dead detector is marked as 0.0
! Updated Spatial Calibration Data
! New column AB_State: indicates the use of detectors, used in L1B processing, but
! not relevant for channel selection
! Radiometric quality column redefined: more accurately reflects the quality of
! radiometric data based on pop, nedt and noise tests.
! Spatial Calibration Data edited: anomalous centroids and Cij for Channels 1683,
! 2073, 2088, 2123 and 2142 are edited with averages of adjacent channels.
! Spatial calibration data remains suspect and unreliable.
! New Calibration Data: (new preceded by *)
! Root Directory: /netappl/instttest/
! *Cal Properties ./pf_cal_coefs/v2_props/cal_props.v2.1.txt
! *Spectral Data: ./pf_cal_coefs/spec_coefs/v2.1/spectral_coefs.txt
! Polarization: ./pf_cal_coefs/v1_coefs/pol_coefs.txt
! *NEDTs: ./sts/C2_guard/nedts/outputs/flt/7_nedts.txt
! *Noise Stats: ./sts/C7_sv_nse/post_proc/outputs/flt/14_13_sv_nse_opt.txt
! *Pops: ./sts/C7_sv_nse/post_proc/outputs/flt/14_13_sv_nse_opt.txt
! Residuals: ./pf_cal_coefs/rad_coefs/with_pol_corr/ABsides40deg/resid_calc.txt
! *Spatial: ./pf_cal_coefs/spa_coefs/56X.cij.d.v2.3.dat
! *AB_State: ./sts/C2_guard/ab_opt/outputs/tv/379ABstate.txt
! *RTA Error: /asl/packages/sartaV102/Doc/rms_m16.txt
! Channels
!

! Version 5.1.2, 08 January 2001

! New Calibration Data
! Root Directory: /netappl/instttest
! Spectral Data: ./pf_cal_coefs/v1_coefs/spectral_coefs.txt
! Polarization: ./pf_cal_coefs/v1_coefs/pol_coefs.txt
! NEDT Data: ./special_test/nedts/results/pf_nedts/1881_1882_nedts.txt
! Pops Data: ./special_test/sv_nse/results/pf_sv_nse/1877_1878_sv_nse_opt.txt
! AB_State Data: ./special_test/ab_opt/results/pf_ab_opt/1881_42ABstate.txt
! Spatial Centroid Data: meas_Cij_93x.m.txt
! The cal team recommends spatial centroid data from the 56X tests, this file
! contains data from the 93X tests because anomalies have been found in
! the 53X data which have not been explained (spatial data is not currently
! used in any algorithms)
! SEE VERSION 2.0.0 FOR SIGNFICANT RECENT CHANGES
!

! Version 5.1.1, 05 January 2001

! New version numbering
! Correction to comments
! SEE VERSION 2.0.0 FOR SIGNFICANT RECENT CHANGES
!

! Version 2.0.0, 04 January 2001

! Spectral calibration data from Aug 2000 RTA delivery.
! Radiometric from the 04 Dec 2000 V1.1 Cal Team cal properties file.
! Spatial calibration is a mix of new and old data.
! NEDT ARE NOW PER DETECTOR, SQRT(2) SCALING SHOULD NOT BE APPLIED
! Radiometric quality flag is changed.
! File format has changed

```

!
! Version 1.5.2, 24 November 1999
!   New radiometric calibration data from D Hagan
!   New spatial calibration data from T Pagano
!   New popping flag is set only if both sides show popping and are not dead.
!
! Version 1.5.1, 11 November 1999
!   Data as and format same as 1.5
!   Popping flag is set only if both sides show popping and are not dead.
!
! Version 1.5, 10 November 1999
!   This version uses the radiometric calibration data from D Hagen
!   dated Mar 17 1999, SRF fitting data from S. Hannon from the Sep 99
!   FTA delivery and spatial calibration data provided by T. Pagano and
!   H. Aumann around 9 July 99.
!   Value 9.9999 is used as fill for missing data
!   The format of the file has changed since version 1.4
!
! DATA DESCRIPTION
! The description of the fields in this file.
! 1. The channel number: channel ordering used by AIRS PGE
!   The arrays are sorted first by increasing waver numbers
!   and then channels are sorted by increasing wave numbers
!   within each array.
!   This makes the channels sorted by increasing wave numbers
!   except where arrays overlap.
! 2. SRF centroid, in wavenumbers, as determined by in-orbit spectral
!   calibration. Based on the June, 2000 Larrabee Strow
!   'grating model'.
! 3. Array name. We are using the array names used in
!   http://www-air.s.jpl.nasa.gov/airs\_gui/airs\_gui.html
!   Note that M-01a is sometimes called M-01 short
!       M-01b                M-01 long
!       M-02a                M-02 short
!       M-02b                M-02 long
!       M-04a/b              M-04 short
!       M-04c/d              M-04 long
! 4. Calibration Channel Index: This is the ordering of channels in
!   LMIRIS calibration files. Calibration channel index is from
!   0 to 2377, in increasing wavelength within a module, in module
!   order M-1a,M-1b,M-2a...M-12
! 5. NeDT: Noise equivalent temperature or a 250K black body provided by
!   Calibration Team in V.1. calibration properties file.
!   Values larger than 9.9999 are set to 9.9999
! 6. FWHM: Full width at half maximum, in wave numbers of the spectral
!   response function, see 2 for source.
! 7. Cij: Measure of spatial coregistration of channels with respect to
!   channel 2113 at 2391.880 cm-1. Quality control applied to
!   limit values to <= 1 and >= -1.
!
! 8. Centroid: Centroid offset (x,y) in millidegrees from boresight
!
! 9. RTA fitting error: RTA fitting error, RMS error in Kelvin.
!
! 10. AB_State: An integer 0-8, indicating Gain Type, Used in L1B processing
!       0 - A and B are both used
!       1 - A is good and is used
!       2 - B is good and is used
!       3 - A and B are both used; both pop
!       4 - A is used, but is noisy
!       5 - B is used, but is noisy
!       6 - both detectors are dead
! 11. Radiometric Quality: An integer 0-4, summarizing radiometric properties. Qualities

```


12	652.253	M-12	2366	0.6270	0.420	-0.0271	28.8	75.6	0.010	0	0	1	Poor	SRF
13	652.493	M-12	2365	0.6020	0.420	-0.0261	28.9	76.1	0.015	0	0	1	Poor	SRF
14	652.734	M-12	2364	0.6100	0.420	-0.0262	28.8	76.6	0.020	0	0	0		
15	652.975	M-12	2363	0.6240	0.420	-0.0260	28.8	77.2	0.012	0	0	0		
16	653.216	M-12	2362	0.6590	0.420	-0.0262	29.3	76.0	0.014	0	0	0		
17	653.457	M-12	2361	0.6150	0.420	-0.0285	30.3	76.1	0.017	0	0	0		
18	653.699	M-12	2360	0.6070	0.420	-0.0252	28.5	75.3	0.013	0	0	0		
19	653.940	M-12	2359	0.5980	0.420	-0.0248	27.5	76.2	0.011	0	0	0		
20	654.182	M-12	2358	0.5710	0.420	-0.0288	29.1	77.6	0.014	0	0	0		
21	654.424	M-12	2357	0.6150	0.420	-0.0269	28.2	75.2	0.007	0	0	0		
22	654.667	M-12	2356	0.6030	0.420	-0.0257	28.2	76.3	0.011	0	0	0		
23	654.909	M-12	2355	0.6160	0.420	-0.0220	29.4	77.1	0.017	0	0	0		
24	655.152	M-12	2354	0.5740	0.420	-0.0249	28.0	75.6	0.015	0	0	0		
25	655.394	M-12	2353	0.5510	0.420	-0.0294	28.5	75.9	0.008	0	0	0		
26	655.637	M-12	2352	0.6080	0.420	-0.0252	28.3	75.3	0.013	0	0	0		
27	655.881	M-12	2351	0.5720	0.420	-0.0259	28.6	75.1	0.011	0	0	0		
28	656.124	M-12	2350	0.5580	0.420	-0.0245	28.7	77.0	0.010	0	0	0		
29	656.367	M-12	2349	0.5430	0.420	-0.0259	31.2	77.3	0.017	0	0	0		
30	656.611	M-12	2348	0.5370	0.420	-0.0286	30.0	77.0	0.017	0	0	0		
31	656.855	M-12	2347	0.5680	0.420	-0.0240	29.0	76.6	0.011	0	0	0		
32	657.099	M-12	2346	0.5260	0.420	-0.0251	28.7	76.1	0.011	0	0	0		
33	657.344	M-12	2345	0.5090	0.420	-0.0264	27.7	76.3	0.014	0	0	0		
34	657.588	M-12	2344	0.5170	0.430	-0.0279	28.5	76.1	0.010	0	0	0		
35	657.833	M-12	2343	0.5290	0.430	-0.0281	28.8	77.0	0.015	0	0	0		
36	658.078	M-12	2342	0.5140	0.430	-0.0282	28.2	77.4	0.018	0	0	0		
37	658.323	M-12	2341	0.5010	0.430	-0.0280	26.9	76.4	0.012	0	0	0		
38	658.568	M-12	2340	0.5250	0.430	-0.0258	28.6	76.9	0.009	0	0	0		
39	658.814	M-12	2339	0.4920	0.430	-0.0307	27.5	76.0	0.011	0	0	0		
40	659.059	M-12	2338	0.5000	0.430	-0.0299	27.6	76.1	0.010	0	0	0		
41	659.305	M-12	2337	0.4920	0.430	-0.0290	28.0	76.4	0.014	0	0	0		
42	659.551	M-12	2336	0.4730	0.430	-0.0301	28.4	76.7	0.019	0	0	0		
43	659.798	M-12	2335	0.4840	0.430	-0.0295	26.6	77.1	0.014	0	0	0		
44	660.044	M-12	2334	0.5060	0.430	-0.0287	27.5	78.6	0.010	0	0	0		
45	660.291	M-12	2333	0.4700	0.430	-0.0322	27.6	78.8	0.013	0	0	0		
46	660.538	M-12	2332	0.4610	0.430	-0.0311	27.4	78.6	0.013	0	0	0		
47	660.785	M-12	2331	0.4870	0.430	-0.0284	26.9	77.1	0.011	0	0	0		
48	661.032	M-12	2330	0.4400	0.430	-0.0281	26.9	77.6	0.018	0	0	1	Poor	SRF
49	661.279	M-12	2329	0.4390	0.430	-0.0286	26.9	78.4	0.017	0	0	1	Poor	SRF
50	661.527	M-12	2328	0.5010	0.430	-0.0266	27.1	78.2	0.011	0	0	0		
51	661.775	M-12	2327	0.4730	0.430	-0.0292	27.4	77.6	0.012	0	0	0		
52	662.023	M-12	2326	0.4700	0.430	-0.0302	27.7	78.4	0.014	0	0	0		
53	662.271	M-12	2325	0.4580	0.430	-0.0319	26.9	78.3	0.020	0	0	0		
54	662.520	M-12	2324	0.4720	0.430	-0.0289	26.5	78.0	0.024	0	0	0		
55	662.768	M-12	2323	0.4600	0.430	-0.0298	27.3	80.5	0.017	0	0	0		
56	663.017	M-12	2322	0.4560	0.430	-0.0307	26.2	79.4	0.017	0	0	0		
57	663.266	M-12	2321	0.4390	0.430	-0.0333	27.2	79.6	0.019	0	0	0		
58	663.515	M-12	2320	0.4630	0.430	-0.0303	27.1	78.4	0.024	0	0	0		
59	663.765	M-12	2319	0.4480	0.430	-0.0321	26.3	79.0	0.024	0	0	0		
60	664.014	M-12	2318	0.4650	0.430	-0.0294	27.3	78.2	0.018	0	0	0		
61	664.264	M-12	2317	0.4520	0.440	-0.0311	27.0	79.8	0.018	0	0	0		
62	664.514	M-12	2316	0.4390	0.440	-0.0333	26.4	79.1	0.015	0	0	0		
63	664.764	M-12	2315	0.4420	0.440	-0.0331	26.5	78.6	0.018	0	0	0		
64	665.015	M-12	2314	0.4300	0.440	-0.0327	26.8	78.8	0.016	0	0	0		
65	665.265	M-12	2313	0.4320	0.440	-0.0326	27.2	78.6	0.017	0	0	0		
66	665.516	M-12	2312	0.4200	0.440	-0.0353	26.5	78.9	0.015	0	0	0		
67	665.767	M-12	2311	0.4320	0.440	-0.0325	27.2	78.7	0.013	0	0	0		
68	666.019	M-12	2310	0.4450	0.440	-0.0301	27.4	76.7	0.010	0	0	0		
69	666.270	M-12	2309	0.4350	0.440	-0.0306	26.6	76.4	0.005	0	0	0		
70	666.522	M-12	2308	0.3900	0.440	-0.0377	26.8	77.9	0.010	0	0	0		
71	666.773	M-12	2307	0.4210	0.440	-0.0329	28.1	79.6	0.013	0	0	0		
72	667.025	M-12	2306	0.4150	0.440	-0.0330	29.4	78.1	0.009	0	0	0		
73	667.278	M-12	2305	0.4230	0.440	-0.0282	35.0	77.3	0.034	0	0	0		
74	667.530	M-12	2304	0.4140	0.440	-0.0245	34.1	76.8	0.022	0	0	0		

75	667.783	M-12	2303	0.4160	0.440	-0.0235	25.8	77.4	0.027	0	0	0
76	668.035	M-12	2302	0.4070	0.440	-0.0252	23.6	77.7	0.031	0	0	0
77	668.289	M-12	2301	0.4070	0.440	-0.0282	24.0	79.7	0.033	0	0	0
78	668.542	M-12	2300	0.4070	0.440	-0.0285	26.0	78.1	0.039	0	0	0
79	668.795	M-12	2299	0.4220	0.440	-0.0274	25.2	78.4	0.036	0	0	0
80	669.049	M-12	2298	0.4150	0.440	-0.0288	25.7	78.4	0.029	0	0	0
81	669.303	M-12	2297	0.4130	0.440	-0.0297	26.2	79.9	0.034	0	0	0
82	669.557	M-12	2296	0.3890	0.440	-0.0333	25.7	79.7	0.029	0	0	0
83	669.811	M-12	2295	0.4030	0.440	-0.0319	26.3	81.3	0.027	0	0	0
84	670.065	M-12	2294	0.4870	0.440	-0.0224	27.1	81.0	0.034	0	0	0
85	670.320	M-12	2293	0.4280	0.450	-0.0290	25.6	79.4	0.033	0	0	0
86	670.575	M-12	2292	0.4180	0.450	-0.0306	26.5	80.8	0.029	0	0	0
87	670.830	M-12	2291	0.3860	0.450	-0.0361	25.7	82.5	0.026	0	0	0
88	671.085	M-12	2290	0.4190	0.450	-0.0301	27.0	83.7	0.024	0	0	0
89	671.341	M-12	2289	0.3920	0.450	-0.0344	25.5	81.5	0.025	0	0	0
90	671.596	M-12	2288	0.3970	0.450	-0.0340	24.3	81.2	0.024	0	0	0
91	671.852	M-12	2287	0.4150	0.450	-0.0323	25.6	81.8	0.019	0	0	0
92	672.108	M-12	2286	0.4080	0.450	-0.0319	25.0	81.8	0.014	0	0	0
93	672.365	M-12	2285	0.4130	0.450	-0.0316	25.4	82.2	0.011	0	0	0
94	672.621	M-12	2284	0.4390	0.450	-0.0278	25.1	80.7	0.020	0	0	0
95	672.878	M-12	2283	0.4290	0.450	-0.0286	25.3	80.2	0.023	0	0	0
96	673.135	M-12	2282	0.3830	0.450	-0.0351	25.2	81.4	0.017	0	0	0
97	673.392	M-12	2281	0.3880	0.450	-0.0333	25.8	82.8	0.018	0	0	0
98	673.649	M-12	2280	0.4110	0.450	-0.0307	27.1	83.8	0.017	0	0	0
99	673.907	M-12	2279	0.4030	0.450	-0.0327	25.8	83.7	0.009	0	0	0
100	674.164	M-12	2278	0.4100	0.450	-0.0294	25.1	81.8	0.014	0	0	0
101	674.422	M-12	2277	0.4200	0.450	-0.0278	25.0	82.2	0.021	0	0	0
102	674.680	M-12	2276	0.4360	0.450	-0.0257	24.3	81.4	0.018	0	0	0
103	674.939	M-12	2275	0.4140	0.450	-0.0289	24.5	82.7	0.013	0	0	0
104	675.197	M-12	2274	0.4240	0.450	-0.0269	24.8	81.2	0.010	0	0	0
105	675.456	M-12	2273	0.4480	0.450	-0.0240	25.7	80.7	0.009	0	0	0
106	675.715	M-12	2272	0.4000	0.450	-0.0289	25.2	81.9	0.013	0	0	0
107	675.974	M-12	2271	0.4460	0.450	-0.0240	24.8	83.9	0.019	0	0	0
108	676.234	M-12	2270	0.4190	0.450	-0.0268	23.5	85.1	0.017	0	0	0
109	676.493	M-12	2269	0.4110	0.450	-0.0273	24.5	84.6	0.012	0	0	0
110	676.753	M-12	2268	0.4390	0.450	-0.0243	24.0	82.9	0.009	0	0	0
111	677.013	M-12	2267	0.4390	0.460	-0.0244	24.4	82.7	0.008	0	0	0
112	677.273	M-12	2266	0.4030	0.460	-0.0284	25.0	83.6	0.013	0	0	0
113	677.534	M-12	2265	0.3920	0.460	-0.0296	25.4	83.6	0.020	0	0	0
114	677.794	M-12	2264	0.4330	0.460	-0.0249	23.6	83.7	0.017	0	0	0
115	678.055	M-12	2263	0.4130	0.460	-0.0279	23.7	82.4	0.012	0	0	0
116	678.316	M-12	2262	0.4260	0.460	-0.0263	23.0	83.9	0.011	0	0	0
117	678.578	M-12	2261	0.4420	0.460	-0.0248	23.7	86.8	0.011	0	0	0
118	678.839	M-12	2260	0.4020	0.460	-0.0289	23.7	85.9	0.015	0	0	0
119	679.101	M-12	2259	0.4230	0.460	-0.0264	24.8	86.7	0.025	0	0	0
120	679.363	M-12	2258	0.4480	0.460	-0.0244	22.7	86.0	0.029	0	0	0
121	679.625	M-12	2257	0.3170	0.460	-0.0267	23.2	86.1	0.027	0	0	1 Poor SRF
122	679.887	M-12	2256	0.3180	0.460	-0.0268	23.4	86.0	0.010	0	0	1 Poor SRF
123	680.150	M-12	2255	0.3960	0.460	-0.0300	22.9	86.2	0.010	0	0	0
124	680.412	M-12	2254	0.4220	0.460	-0.0269	22.9	86.9	0.011	0	0	0
125	680.675	M-12	2253	0.4140	0.460	-0.0271	21.6	87.3	0.016	0	0	0
126	680.939	M-12	2252	0.4100	0.460	-0.0274	19.6	89.0	0.016	0	0	0
127	681.202	M-12	2251	0.4230	0.460	-0.0267	18.8	90.7	0.014	0	0	0
128	681.466	M-12	2250	0.4300	0.460	-0.0262	17.7	93.6	0.013	0	0	0
129	681.729	M-12	2249	0.4220	0.460	-0.0276	17.6	93.0	0.013	0	0	0
130	681.993	M-12	2248	0.3810	0.460	-0.0326	16.6	94.7	0.011	0	0	0
131	687.610	M-11	2247	0.3460	0.470	-0.0342	30.2	74.7	0.015	0	0	0
132	687.879	M-11	2246	0.2100	0.470	-0.0397	31.8	74.6	0.016	0	0	1 Poor SRF
133	688.148	M-11	2245	0.2090	0.470	-0.0389	31.7	74.5	0.017	0	0	1 Poor SRF
134	688.418	M-11	2244	0.2090	0.470	-0.0394	31.7	74.6	0.027	0	0	1 Poor SRF
135	688.688	M-11	2243	0.3440	0.470	-0.0376	31.4	76.4	0.030	0	0	0
136	688.958	M-11	2242	0.3330	0.470	-0.0399	30.6	77.2	0.042	0	0	0
137	689.229	M-11	2241	0.3390	0.470	-0.0402	30.5	76.2	0.040	0	0	0

138	689.499	M-11	2240	0.3430	0.470	-0.0392	30.9	75.7	0.035	0	0	0
139	689.770	M-11	2239	0.3460	0.470	-0.0372	30.5	74.7	0.029	0	0	0
140	690.041	M-11	2238	0.3440	0.480	-0.0370	30.4	72.7	0.018	0	0	0
141	690.312	M-11	2237	0.3520	0.480	-0.0350	29.6	72.5	0.018	0	0	0
142	690.584	M-11	2236	0.3370	0.480	-0.0378	30.1	72.4	0.021	0	0	0
143	690.856	M-11	2235	0.3170	0.480	-0.0412	31.1	71.1	0.019	0	0	0
144	691.128	M-11	2234	0.3120	0.480	-0.0429	30.9	71.1	0.021	0	0	0
145	691.400	M-11	2233	0.3550	0.480	-0.0333	31.9	71.9	0.022	0	0	0
146	691.672	M-11	2232	0.3320	0.480	-0.0387	31.4	71.3	0.014	0	0	0
147	691.945	M-11	2231	0.3510	0.480	-0.0327	31.9	70.6	0.017	0	0	0
148	692.217	M-11	2230	0.3320	0.480	-0.0353	31.5	70.0	0.022	0	0	0
149	692.490	M-11	2229	0.3350	0.480	-0.0377	31.9	69.6	0.038	0	0	0
150	692.764	M-11	2228	0.3600	0.480	-0.0328	32.5	69.2	0.041	0	0	0
151	693.037	M-11	2227	0.3620	0.480	-0.0317	33.1	69.6	0.018	0	0	0
152	693.311	M-11	2226	0.3290	0.480	-0.0365	32.5	68.6	0.009	0	0	0
153	693.585	M-11	2225	0.3370	0.480	-0.0345	33.2	68.6	0.012	0	0	0
154	693.859	M-11	2224	0.3270	0.480	-0.0391	31.7	68.2	0.019	0	0	0
155	694.133	M-11	2223	0.3220	0.480	-0.0394	31.5	68.0	0.037	0	0	0
156	694.408	M-11	2222	0.3110	0.480	-0.0411	31.2	67.5	0.015	0	0	0
157	694.683	M-11	2221	0.3240	0.480	-0.0370	31.7	67.7	0.013	0	0	0
158	694.958	M-11	2220	0.3170	0.480	-0.0384	31.7	68.1	0.014	0	0	0
159	695.233	M-11	2219	0.3020	0.480	-0.0419	32.7	67.0	0.014	0	0	0
160	695.509	M-11	2218	0.3200	0.480	-0.0377	31.8	66.7	0.023	0	0	0
161	695.784	M-11	2217	0.2980	0.480	-0.0435	32.2	67.7	0.024	0	0	0
162	696.060	M-11	2216	0.3230	0.480	-0.0359	31.9	67.8	0.031	0	0	0
163	696.336	M-11	2215	0.3200	0.480	-0.0376	32.9	67.7	0.013	0	0	0
164	696.613	M-11	2214	0.3180	0.490	-0.0383	32.3	67.4	0.031	0	0	0
165	696.889	M-11	2213	0.3110	0.490	-0.0390	31.8	67.1	0.014	0	0	0
166	697.166	M-11	2212	0.2970	0.490	-0.0442	32.4	67.9	0.032	0	0	0
167	697.443	M-11	2211	0.2970	0.490	-0.0442	32.2	68.0	0.026	0	0	0
168	697.721	M-11	2210	0.3130	0.490	-0.0383	32.0	66.9	0.025	0	0	0
169	697.998	M-11	2209	0.2770	0.490	-0.0493	30.7	68.6	0.019	0	0	0
170	698.276	M-11	2208	0.2800	0.490	-0.0482	30.6	69.8	0.015	0	0	0
171	698.554	M-11	2207	0.2910	0.490	-0.0434	29.8	70.5	0.020	0	0	0
172	698.832	M-11	2206	0.2770	0.490	-0.0490	30.0	72.3	0.026	0	0	0
173	699.111	M-11	2205	0.2740	0.490	-0.0508	29.9	71.6	0.030	0	0	0
174	699.389	M-11	2204	0.2970	0.490	-0.0446	30.5	71.7	0.017	0	0	0
175	699.668	M-11	2203	0.2850	0.490	-0.0458	30.9	72.3	0.011	0	0	0
176	699.947	M-11	2202	0.2840	0.490	-0.0468	31.2	73.4	0.013	0	0	0
177	700.227	M-11	2201	0.2840	0.490	-0.0462	30.7	72.3	0.014	0	0	0
178	700.506	M-11	2200	0.2730	0.490	-0.0495	30.8	72.9	0.039	0	0	0
179	700.786	M-11	2199	0.2790	0.490	-0.0495	30.3	73.2	0.044	0	0	0
180	701.066	M-11	2198	0.2780	0.490	-0.0494	28.9	73.7	0.020	0	0	0
181	701.346	M-11	2197	0.2740	0.490	-0.0504	28.8	72.9	0.025	0	0	0
182	701.627	M-11	2196	0.2860	0.490	-0.0464	28.9	71.9	0.018	0	0	0
183	701.907	M-11	2195	0.2750	0.490	-0.0502	29.4	71.6	0.041	0	0	0
184	702.188	M-11	2194	0.2730	0.490	-0.0487	31.0	73.0	0.035	0	0	0
185	702.470	M-11	2193	0.2870	0.490	-0.0441	31.5	73.3	0.028	0	0	0
186	702.751	M-11	2192	0.2880	0.490	-0.0442	31.4	73.9	0.018	0	0	0
187	703.033	M-11	2191	0.2780	0.490	-0.0447	31.2	73.7	0.029	0	0	0
188	703.315	M-11	2190	0.2840	0.500	-0.0433	31.1	72.8	0.021	0	0	0
189	703.597	M-11	2189	0.2730	0.500	-0.0463	30.1	73.6	0.036	0	0	0
190	703.879	M-11	2188	0.2770	0.500	-0.0444	29.0	75.2	0.058	0	0	0
191	704.162	M-11	2187	0.2670	0.500	-0.0484	29.0	75.4	0.093	0	0	0
192	704.444	M-11	2186	0.2800	0.500	-0.0451	28.9	76.1	0.048	0	0	0
193	704.727	M-11	2185	0.2670	0.500	-0.0507	28.5	75.2	0.043	0	0	0
194	705.011	M-11	2184	0.2760	0.500	-0.0474	29.7	77.4	0.066	0	0	0
195	705.294	M-11	2183	0.2620	0.500	-0.0532	29.3	77.0	0.061	0	0	0
196	705.578	M-11	2182	0.2530	0.500	-0.0581	30.1	76.4	0.063	0	0	0
197	705.862	M-11	2181	0.2530	0.500	-0.0568	29.8	75.8	0.044	0	0	0
198	706.146	M-11	2180	0.2500	0.500	-0.0606	29.9	76.5	0.027	0	0	0
199	706.430	M-11	2179	0.2600	0.500	-0.0551	30.3	77.7	0.058	0	0	0
200	706.715	M-11	2178	0.2710	0.500	-0.0490	30.1	76.6	0.056	0	0	0

201	707.000	M-11	2177	0.2550	0.500	-0.0558	29.7	75.7	0.042	0	0	0
202	707.285	M-11	2176	0.2600	0.500	-0.0537	28.3	74.7	0.048	0	0	0
203	707.571	M-11	2175	0.2730	0.500	-0.0480	28.7	76.1	0.072	0	0	0
204	707.856	M-11	2174	0.2610	0.500	-0.0518	29.0	77.1	0.054	0	0	0
205	708.142	M-11	2173	0.2570	0.500	-0.0527	29.8	76.9	0.073	0	0	0
206	708.428	M-11	2172	0.2470	0.500	-0.0571	29.6	75.1	0.085	0	0	0
207	708.714	M-11	2171	0.2870	0.500	-0.0425	29.2	73.4	0.097	0	0	0
208	709.001	M-11	2170	0.3020	0.500	-0.0384	28.7	73.8	0.070	0	0	0
209	709.288	M-11	2169	0.3110	0.510	-0.0361	29.1	72.8	0.056	0	0	0
210	709.575	M-11	2168	0.2940	0.510	-0.0414	30.4	74.2	0.067	0	0	0
211	709.862	M-11	2167	0.2510	0.510	-0.0537	30.0	73.3	0.079	0	0	0
212	710.150	M-11	2166	0.2430	0.510	-0.0579	31.3	75.1	0.072	0	0	0
213	710.437	M-11	2165	0.2550	0.510	-0.0504	30.4	75.6	0.068	0	0	0
214	710.725	M-11	2164	0.2460	0.510	-0.0541	30.3	75.5	0.074	0	0	0
215	711.014	M-11	2163	0.2540	0.510	-0.0507	30.6	75.2	0.045	0	0	0
216	711.302	M-11	2162	0.2620	0.510	-0.0469	30.0	74.7	0.065	0	0	0
217	711.591	M-11	2161	0.2690	0.510	-0.0431	29.9	76.1	0.092	0	0	0
218	711.880	M-11	2160	0.2470	0.510	-0.0504	29.8	76.7	0.086	0	0	0
219	712.169	M-11	2159	0.2560	0.510	-0.0488	29.8	76.0	0.039	0	0	0
220	712.458	M-11	2158	0.2530	0.510	-0.0498	29.9	75.7	0.073	0	0	0
221	712.748	M-11	2157	0.2560	0.510	-0.0481	29.1	75.0	0.078	0	0	0
222	713.038	M-11	2156	0.2410	0.510	-0.0540	30.1	76.3	0.095	0	0	0
223	713.328	M-11	2155	0.2370	0.510	-0.0586	30.2	76.3	0.087	0	0	0
224	713.618	M-11	2154	0.2400	0.510	-0.0579	30.8	76.5	0.090	0	0	0
225	713.909	M-11	2153	0.2440	0.510	-0.0548	29.7	76.3	0.071	0	0	0
226	714.200	M-11	2152	0.2330	0.510	-0.0639	30.0	78.9	0.092	0	0	0
227	714.491	M-11	2151	0.2350	0.510	-0.0653	29.6	78.4	0.091	0	0	0
228	714.782	M-11	2150	0.2450	0.510	-0.0601	29.3	80.2	0.082	0	0	0
229	715.074	M-11	2149	0.2450	0.510	-0.0589	28.7	80.8	0.092	0	0	0
230	715.365	M-11	2148	0.2460	0.510	-0.0598	28.7	81.5	0.118	0	0	0
231	715.658	M-11	2147	0.2410	0.510	-0.0631	29.2	82.7	0.089	0	0	0
232	715.950	M-11	2146	0.2560	0.520	-0.0555	28.1	81.6	0.066	0	0	0
233	716.242	M-11	2145	0.2350	0.520	-0.0657	28.6	82.4	0.097	0	0	0
234	716.535	M-11	2144	0.2440	0.520	-0.0627	29.4	82.5	0.072	0	0	0
235	716.828	M-11	2143	0.2460	0.520	-0.0595	29.0	81.9	0.097	0	0	0
236	717.121	M-11	2142	0.2400	0.520	-0.0632	28.9	83.3	0.216	0	0	0
237	717.415	M-11	2141	0.2390	0.520	-0.0625	29.2	83.6	0.097	0	0	0
238	717.709	M-11	2140	9.9999	0.520	-0.0952	198.5	71.1	0.089	6	2	1 Noise
239	718.003	M-11	2139	0.2360	0.520	-0.0629	28.4	82.9	0.099	0	0	0
240	718.297	M-11	2138	0.2510	0.520	-0.0552	28.5	81.7	0.078	0	0	0
241	718.591	M-11	2137	0.2250	0.520	-0.0680	29.0	82.0	0.066	0	0	0
242	718.886	M-11	2136	0.2490	0.520	-0.0556	30.1	80.3	0.059	0	0	0
243	719.181	M-11	2135	0.2400	0.520	-0.0610	29.4	79.7	0.046	0	0	0
244	719.476	M-11	2134	0.2580	0.520	-0.0519	28.3	80.8	0.046	0	0	0
245	719.772	M-11	2133	0.2460	0.520	-0.0585	29.2	81.3	0.048	0	0	0
246	720.068	M-11	2132	0.2400	0.520	-0.0613	29.2	82.4	0.044	0	0	0
247	720.364	M-11	2131	0.2520	0.520	-0.0593	28.6	82.9	0.046	0	0	0
248	720.660	M-11	2130	0.2520	0.520	-0.0605	25.5	82.3	0.044	0	0	0
249	720.956	M-11	2129	0.2370	0.520	-0.0661	25.2	83.2	0.029	0	0	0
250	721.253	M-11	2128	0.2460	0.520	-0.0666	26.7	83.0	0.060	0	0	0
251	721.550	M-11	2127	0.2530	0.520	-0.0658	28.1	82.5	0.062	0	0	0
252	721.847	M-11	2126	0.2510	0.520	-0.0694	29.3	80.7	0.052	0	0	0
253	722.145	M-11	2125	0.2380	0.520	-0.0750	32.4	82.3	0.067	0	0	0
254	722.442	M-11	2124	0.2340	0.530	-0.0786	32.3	81.9	0.114	0	0	0
255	722.740	M-11	2123	0.2410	0.530	-0.0806	31.9	84.0	0.144	0	0	0
256	723.038	M-11	2122	0.2400	0.530	-0.0789	30.2	84.3	0.137	0	0	0
257	723.337	M-11	2121	0.2380	0.530	-0.0789	28.6	83.9	0.129	0	0	0
258	723.635	M-11	2120	0.2430	0.530	-0.0815	29.4	83.9	0.122	0	0	0
259	723.934	M-11	2119	0.2580	0.530	-0.0747	30.9	83.7	0.080	0	0	0
260	724.234	M-11	2118	0.2440	0.530	-0.0796	30.2	83.1	0.063	0	0	0
261	724.533	M-11	2117	0.2400	0.530	0.0067	8.9	86.4	0.061	0	0	0
262	724.833	M-11	2116	0.2400	0.530	-0.0845	28.5	82.9	0.070	0	0	0
263	725.133	M-11	2115	0.2660	0.530	-0.0720	29.3	84.8	0.061	0	0	0

264	725.433	M-11	2114	0.2560	0.530	-0.0732	28.8	86.2	0.140	0	0	0	
265	725.733	M-11	2113	0.2420	0.530	-0.0801	28.3	85.0	0.111	0	0	0	
266	726.034	M-11	2112	0.2740	0.530	-0.0683	27.6	84.0	0.029	0	0	0	
267	726.335	M-11	2111	0.2610	0.530	-0.0817	28.6	84.1	0.032	0	0	0	
268	726.636	M-11	2110	0.2560	0.530	-0.0732	29.8	83.5	0.033	0	0	0	
269	726.938	M-11	2109	0.2720	0.530	-0.0653	29.7	82.9	0.051	0	0	0	
270	727.239	M-11	2108	0.2890	0.530	-0.0631	29.8	82.1	0.059	0	0	0	
271	727.541	M-11	2107	0.2950	0.530	-0.0588	28.6	82.3	0.039	0	0	0	
272	727.843	M-11	2106	0.2740	0.530	-0.0599	27.9	83.1	0.030	0	0	0	
273	728.146	M-11	2105	0.3010	0.530	-0.0530	28.5	84.8	0.041	0	0	0	
274	728.449	M-11	2104	0.2610	0.530	-0.0762	28.0	84.6	0.055	0	0	0	
275	728.064	M-10	2103	0.2370	0.550	0.0383	29.8	81.9	0.040	0	0	0	
276	728.367	M-10	2102	0.9230	0.550	0.0376	26.8	92.3	0.056	2	0	0	
277	728.669	M-10	2101	0.5110	0.550	0.0375	26.9	96.1	0.056	2	0	0	
278	728.972	M-10	2100	0.3410	0.550	0.0385	27.5	95.7	0.088	2	0	0	
279	729.275	M-10	2099	0.2290	0.550	0.0392	30.8	77.9	0.081	0	0	0	
280	729.579	M-10	2098	0.3510	0.550	0.0380	29.3	95.4	0.095	0	0	0	
281	729.882	M-10	2097	0.3440	0.550	0.0392	29.0	76.3	0.114	0	0	0	
282	730.186	M-10	2096	0.3530	0.550	0.0390	28.2	85.6	0.140	0	0	0	
283	730.490	M-10	2095	0.2430	0.550	0.0386	30.2	78.8	0.176	0	0	0	
284	730.795	M-10	2094	0.3630	0.550	0.0395	34.0	67.0	0.080	1	0	0	
285	731.099	M-10	2093	0.2800	0.550	0.0393	30.1	70.3	0.080	0	0	0	
286	731.404	M-10	2092	0.2340	0.550	0.0398	27.9	84.8	0.073	2	0	0	
287	731.709	M-10	2091	0.3170	0.550	0.0397	30.0	80.8	0.067	1	0	0	
288	732.015	M-10	2090	0.7110	0.560	0.0389	28.6	94.7	0.043	1	1	1	Poor SRF
289	732.321	M-10	2089	0.3290	0.560	0.0395	30.6	79.4	0.031	1	0	0	
290	732.626	M-10	2088	0.4440	0.560	0.0392	28.1	88.5	0.036	1	0	0	
291	732.933	M-10	2087	0.9140	0.560	0.0403	32.6	70.1	0.091	4	0	1	Poor SRF
292	733.239	M-10	2086	0.3460	0.560	0.0390	27.4	95.9	0.075	2	0	0	
293	733.546	M-10	2085	0.3240	0.560	0.0397	29.8	80.7	0.033	1	0	0	
294	733.853	M-10	2084	0.3190	0.560	0.0404	30.3	75.0	0.028	1	0	0	
295	734.160	M-10	2083	0.3210	0.560	0.0404	31.1	85.8	0.038	0	0	0	
296	734.467	M-10	2082	0.2480	0.560	0.0395	29.7	93.8	0.089	0	0	0	
297	734.775	M-10	2081	0.2400	0.560	0.0395	29.6	85.8	0.061	0	0	0	
298	735.083	M-10	2080	0.2320	0.560	0.0400	30.0	85.9	0.030	0	0	0	
299	735.391	M-10	2079	0.2300	0.560	0.0401	29.2	89.4	0.058	0	0	0	
300	735.699	M-10	2078	0.2290	0.560	0.0404	30.5	84.9	0.041	0	0	0	
301	736.008	M-10	2077	0.3260	0.560	0.0398	28.6	74.1	0.073	1	0	0	
302	736.317	M-10	2076	0.2590	0.560	0.0395	27.6	93.1	0.069	0	0	0	
303	736.626	M-10	2075	0.4830	0.560	0.0406	30.3	87.7	0.074	2	0	0	
304	736.936	M-10	2074	0.3230	0.560	0.0414	33.4	68.9	0.089	1	0	0	
305	737.246	M-10	2073	0.5580	0.560	0.0402	28.8	81.6	0.048	2	0	0	
306	737.556	M-10	2072	0.2300	0.560	0.0398	28.2	82.0	0.069	0	0	0	
307	737.866	M-10	2071	0.3770	0.560	0.0407	28.8	76.8	0.085	2	0	0	
308	738.176	M-10	2070	0.3300	0.560	0.0404	29.4	80.8	0.030	0	0	0	
309	738.487	M-10	2069	0.3450	0.560	0.0395	27.6	99.9	0.030	2	0	0	
310	738.798	M-10	2068	0.3620	0.570	0.0408	30.8	81.0	0.035	0	0	0	
311	739.109	M-10	2067	0.3160	0.570	0.0411	34.2	63.9	0.073	1	0	0	
312	739.421	M-10	2066	0.3720	0.570	0.0407	31.1	84.7	0.098	0	0	0	
313	739.733	M-10	2065	0.3190	0.570	0.0407	30.9	77.2	0.042	1	0	0	
314	740.045	M-10	2064	0.3120	0.570	0.0417	30.0	73.9	0.037	0	0	0	
315	740.357	M-10	2063	0.3340	0.570	0.0410	29.1	89.3	0.073	2	0	0	
316	740.670	M-10	2062	0.2450	0.570	0.0407	29.0	84.3	0.086	0	0	0	
317	740.983	M-10	2061	0.2390	0.570	0.0410	29.6	75.5	0.059	0	0	0	
318	741.296	M-10	2060	0.4020	0.570	0.0421	32.3	66.5	0.130	0	0	0	
319	741.609	M-10	2059	0.3480	0.570	0.0412	27.9	95.4	0.302	2	0	0	
320	741.923	M-10	2058	0.3940	0.570	0.0408	28.1	91.4	0.182	2	0	0	
321	742.237	M-10	2057	0.5170	0.570	0.0403	29.0	84.7	0.079	2	0	0	
322	742.551	M-10	2056	0.3070	0.570	0.0427	32.8	64.5	0.070	1	0	0	
323	742.865	M-10	2055	0.3270	0.570	0.0415	29.6	95.1	0.037	2	0	0	
324	743.180	M-10	2054	5.7680	0.570	0.0412	28.5	87.3	0.047	3	2	1	Noise
325	743.495	M-10	2053	0.3080	0.570	0.0423	29.1	63.0	0.063	1	0	0	
326	743.810	M-10	2052	0.3770	0.570	0.0426	29.3	79.5	0.106	3	1	0	

327	744.125	M-10	2051	0.3540	0.570	0.0421	29.9	95.9	0.100	2	0	0	
328	744.441	M-10	2050	0.3140	0.570	0.0426	28.7	75.6	0.045	0	0	0	
329	744.757	M-10	2049	0.3220	0.570	0.0427	31.3	64.7	0.039	0	0	0	
330	745.073	M-10	2048	0.3420	0.580	0.0426	30.7	84.5	0.083	1	0	0	
331	745.390	M-10	2047	0.3180	0.580	0.0437	31.8	76.1	0.074	1	0	0	
332	745.707	M-10	2046	0.3330	0.580	0.0423	27.1	96.4	0.076	2	0	0	
333	746.024	M-10	2045	0.2380	0.580	0.0436	27.3	77.6	0.031	0	0	0	
334	746.341	M-10	2044	0.2210	0.580	0.0438	27.5	85.3	0.030	0	0	0	
335	746.659	M-10	2043	0.2490	0.580	0.0432	30.7	77.7	0.073	1	0	0	
336	746.977	M-10	2042	0.3060	0.580	0.0437	33.0	68.3	0.072	1	0	0	
337	747.295	M-10	2041	0.2360	0.580	0.0442	31.8	81.5	0.082	0	0	0	
338	747.613	M-10	2040	0.3370	0.580	0.0446	31.8	76.9	0.025	0	0	0	
339	747.932	M-10	2039	0.3290	0.580	0.0436	27.8	101.0	0.036	2	0	0	
340	748.251	M-10	2038	0.3950	0.580	0.0440	30.7	73.4	0.076	1	0	0	
341	748.570	M-10	2037	0.2940	0.580	0.0449	28.2	81.6	0.072	3	3	1	Popping
342	748.889	M-10	2036	6.7420	0.580	0.0451	31.2	68.4	0.039	1	2	1	Noise
343	749.209	M-10	2035	0.3340	0.580	0.0432	26.8	104.2	0.031	2	0	0	
344	749.529	M-10	2034	0.2320	0.580	0.0440	28.8	91.2	0.056	0	0	0	
345	749.849	M-10	2033	0.2280	0.580	0.0447	32.6	77.3	0.091	0	0	0	
346	750.170	M-10	2032	0.2930	0.580	0.0456	35.5	72.2	0.092	1	1	1	Poor SRF
347	750.491	M-10	2031	0.2270	0.580	0.0439	31.6	84.6	0.044	0	0	0	
348	750.812	M-10	2030	0.2930	0.580	0.0448	31.1	84.5	0.066	2	0	0	
349	751.133	M-10	2029	0.3130	0.580	0.0445	30.2	89.1	0.098	0	0	0	
350	751.455	M-10	2028	2.5480	0.590	0.0453	33.7	69.0	0.075	5	2	1	Noise
351	751.777	M-10	2027	0.3320	0.590	0.0438	28.8	103.0	0.067	2	0	0	
352	752.099	M-10	2026	0.3080	0.590	0.0451	28.6	93.8	0.039	2	0	0	
353	752.421	M-10	2025	5.7790	0.590	0.0442	27.8	102.8	0.059	3	2	1	Noise
354	752.744	M-10	2024	0.3160	0.590	0.0445	29.8	99.9	0.081	5	0	0	
355	753.067	M-10	2023	0.2950	0.590	0.0448	29.3	96.5	0.062	0	0	0	
356	753.390	M-10	2022	0.3180	0.590	0.0430	25.0	102.7	0.030	1	0	0	
357	753.714	M-10	2021	0.2140	0.590	0.0447	27.2	103.0	0.054	2	0	0	
358	754.037	M-10	2020	0.3730	0.590	0.0444	27.0	103.2	0.082	2	0	0	
359	754.361	M-10	2019	0.3060	0.590	0.0448	28.2	102.7	0.072	2	0	0	
360	754.686	M-10	2018	0.2580	0.590	0.0474	32.3	69.3	0.088	0	0	0	
361	755.010	M-10	2017	0.2330	0.590	0.0451	30.5	81.0	0.043	0	0	0	
362	755.335	M-10	2016	0.2300	0.590	0.0454	28.9	85.6	0.024	0	0	0	
363	755.660	M-10	2015	0.5290	0.590	0.0452	28.3	82.4	0.085	2	0	0	
364	755.986	M-10	2014	0.2830	0.590	0.0461	29.3	74.1	0.088	0	0	0	
365	756.311	M-10	2013	0.3690	0.590	0.0442	26.0	97.1	0.041	0	0	0	
366	756.637	M-10	2012	0.2850	0.590	0.0464	34.1	68.1	0.021	1	0	0	
367	756.964	M-10	2011	0.2390	0.590	0.0450	31.4	85.6	0.045	0	0	0	
368	757.290	M-10	2010	0.4040	0.590	0.0446	29.0	97.2	0.087	1	0	0	
369	757.617	M-10	2009	0.2090	0.590	0.0459	31.0	84.1	0.060	0	0	0	
370	757.944	M-10	2008	0.3940	0.600	0.0467	31.6	75.6	0.043	1	0	0	
371	758.271	M-10	2007	0.2880	0.600	0.0464	31.5	80.6	0.026	1	0	0	
372	758.599	M-10	2006	0.2280	0.600	0.0473	33.4	73.1	0.066	0	0	0	
373	758.927	M-10	2005	0.2140	0.600	0.0461	31.6	87.2	0.076	0	0	0	
374	759.255	M-10	2004	9.9999	0.600	0.0459	30.9	104.2	0.034	4	2	1	Noise
375	759.584	M-10	2003	0.2120	0.600	0.0475	31.5	79.0	0.015	0	0	0	
376	759.912	M-10	2002	0.3140	0.600	0.0475	31.1	77.4	0.028	2	0	0	
377	760.241	M-10	2001	0.3240	0.600	0.0466	28.9	85.6	0.090	0	0	0	
378	760.571	M-10	2000	0.2200	0.600	0.0469	27.0	96.3	0.062	2	0	0	
379	760.900	M-10	1999	0.5790	0.600	0.0465	27.8	90.1	0.020	0	1	0	
380	761.230	M-10	1998	0.2710	0.600	0.0463	29.8	87.9	0.015	0	0	0	
381	761.560	M-10	1997	1.1200	0.600	0.0478	34.4	67.9	0.057	5	0	1	Poor SRF
382	761.891	M-10	1996	0.3220	0.600	0.0482	34.1	71.2	0.076	1	0	0	
383	762.221	M-10	1995	0.2260	0.600	0.0472	29.9	82.5	0.024	1	0	0	
384	762.552	M-10	1994	0.3150	0.600	0.0461	27.3	91.6	0.017	2	0	0	
385	762.884	M-10	1993	0.2290	0.600	0.0476	30.8	76.3	0.027	1	0	0	
386	763.215	M-10	1992	0.2780	0.600	0.0479	30.4	76.4	0.061	0	0	0	
387	763.547	M-10	1991	0.1980	0.600	0.0477	29.2	84.3	0.041	0	0	0	
388	763.879	M-10	1990	0.2500	0.600	0.0482	31.9	68.5	0.016	5	0	0	
389	764.212	M-10	1989	0.2730	0.610	0.0482	29.5	79.8	0.015	0	0	0	

390	764.544	M-10	1988	0.2730	0.610	0.0471	27.9	87.4	0.040	1	0	0	
391	764.877	M-10	1987	1.1610	0.610	0.0465	29.9	85.0	0.052	0	0	1	Poor SRF
392	765.210	M-10	1986	0.2800	0.610	0.0477	33.0	73.9	0.018	1	0	0	
393	765.544	M-10	1985	0.3220	0.610	0.0467	31.9	86.8	0.018	0	0	0	
394	765.878	M-10	1984	0.3080	0.610	0.0463	30.1	95.6	0.016	0	0	0	
395	766.212	M-10	1983	0.2660	0.610	0.0464	26.8	100.5	0.027	0	0	0	
396	766.546	M-10	1982	2.0650	0.610	0.0465	29.5	88.3	0.019	0	2	1	Noise
397	766.881	M-10	1981	0.2860	0.610	0.0467	29.9	87.3	0.021	1	0	0	
398	767.216	M-10	1980	0.3160	0.610	0.0456	31.7	82.0	0.017	1	0	1	Poor SRF
399	767.551	M-10	1979	0.2870	0.610	0.0470	32.5	73.9	0.020	1	0	0	
400	767.887	M-10	1978	0.3160	0.610	0.0454	28.4	108.1	0.023	2	0	0	
401	768.222	M-10	1977	0.3260	0.610	0.0448	31.3	99.1	0.011	2	0	0	
402	768.558	M-10	1976	1.8690	0.610	0.0449	31.6	92.1	0.017	3	0	1	Poor SRF
403	768.895	M-10	1975	0.3430	0.610	0.0441	31.6	98.0	0.021	1	0	0	
404	769.231	M-10	1974	0.3500	0.610	0.0465	34.9	76.7	0.018	1	0	1	Poor SRF
405	769.568	M-10	1973	0.7460	0.610	0.0445	30.6	92.3	0.015	5	1	0	
406	769.906	M-10	1972	0.2260	0.610	0.0447	30.1	82.9	0.020	0	0	0	
407	770.243	M-10	1971	0.3000	0.610	0.0455	34.2	78.8	0.021	0	0	0	
408	770.581	M-10	1970	0.3490	0.620	0.0434	29.6	108.7	0.014	2	0	0	
409	770.919	M-10	1969	0.3470	0.620	0.0431	33.3	97.9	0.015	2	0	0	
410	771.257	M-10	1968	0.3360	0.620	0.0435	31.7	106.6	0.010	2	0	0	
411	771.596	M-10	1967	0.3180	0.620	0.0451	32.9	90.4	0.010	1	3	1	Popping
412	771.935	M-10	1966	1.2530	0.620	0.0428	28.3	110.8	0.010	0	1	1	Poor SRF
413	772.274	M-10	1965	0.4170	0.620	0.0433	27.3	107.3	0.009	0	0	0	
414	772.614	M-10	1964	0.3000	0.620	0.0440	30.1	97.7	0.009	1	0	0	
415	772.954	M-10	1963	0.5480	0.620	0.0448	38.3	74.7	0.010	1	0	0	
416	773.294	M-10	1962	0.3030	0.620	0.0432	31.8	90.9	0.013	0	0	0	
417	773.634	M-10	1961	0.3410	0.620	0.0438	29.9	94.4	0.009	2	0	0	
418	773.975	M-10	1960	0.3200	0.620	0.0438	29.0	101.3	0.013	0	0	0	
419	774.316	M-10	1959	0.3530	0.620	0.0432	32.9	84.7	0.011	2	0	0	
420	774.657	M-10	1958	0.4950	0.620	0.0442	32.6	77.9	0.009	1	0	0	
421	774.999	M-10	1957	0.4460	0.620	0.0424	27.1	105.9	0.016	2	0	0	
422	775.341	M-10	1956	0.3160	0.620	0.0456	33.8	70.8	0.016	1	0	0	
423	775.683	M-10	1955	0.2870	0.620	0.0416	26.4	103.8	0.020	0	0	0	
424	776.025	M-10	1954	0.3630	0.620	0.0420	25.5	106.1	0.012	2	0	0	
425	776.368	M-10	1953	0.2670	0.620	0.0431	28.5	105.3	0.013	0	0	0	
426	776.711	M-10	1952	0.3310	0.620	0.0450	32.5	69.4	0.018	1	0	0	
427	777.054	M-10	1951	0.3690	0.630	0.0439	34.5	74.8	0.019	1	0	0	
428	777.398	M-10	1950	3.9150	0.630	0.0454	34.2	72.0	0.010	4	2	1	Noise
429	777.742	M-10	1949	0.3580	0.630	0.0440	33.3	73.6	0.008	1	0	0	
430	778.086	M-10	1948	0.3060	0.630	0.0434	28.0	85.8	0.008	0	0	0	
431	778.431	M-10	1947	0.5690	0.630	0.0444	29.6	74.0	0.007	1	0	0	
432	778.776	M-10	1946	1.3460	0.630	0.0453	29.8	80.1	0.014	1	1	0	
433	779.121	M-10	1945	0.3390	0.630	0.0433	28.4	87.9	0.015	0	0	0	
434	779.466	M-10	1944	0.3170	0.630	0.0417	27.1	102.2	0.011	2	0	0	
435	779.812	M-10	1943	0.3400	0.630	0.0427	28.0	102.3	0.011	2	0	0	
436	780.158	M-10	1942	0.3450	0.630	0.0443	32.4	84.6	0.005	0	0	0	
437	780.504	M-10	1941	0.2380	0.630	0.0433	29.0	89.7	0.006	0	0	0	
438	780.851	M-10	1940	0.2120	0.630	0.0447	28.4	87.7	0.005	0	0	0	
439	781.198	M-10	1939	0.2170	0.630	0.0462	30.3	79.9	0.006	0	0	0	
440	781.545	M-10	1938	1.5100	0.630	0.0435	27.6	94.8	0.005	2	0	0	
441	781.892	M-10	1937	0.2200	0.630	0.0454	32.1	73.9	0.006	1	1	0	
442	789.274	M-09	1936	0.7670	0.650	0.0338	24.1	67.8	0.003	0	0	0	
443	789.627	M-09	1935	0.3570	0.650	0.0311	17.7	97.3	0.003	2	0	0	
444	789.982	M-09	1934	0.3370	0.650	0.0337	27.4	69.1	0.003	0	0	0	
445	790.336	M-09	1933	0.2300	0.650	0.0324	24.5	83.5	0.002	0	0	0	
446	790.691	M-09	1932	0.2690	0.650	0.0322	24.4	89.0	0.003	3	1	0	
447	791.046	M-09	1931	0.7490	0.650	0.0330	24.8	85.7	0.017	1	0	0	
448	791.401	M-09	1930	0.3570	0.650	0.0312	21.4	94.0	0.086	2	0	0	
449	791.756	M-09	1929	0.2350	0.650	0.0325	22.4	84.4	0.065	0	0	0	
450	792.112	M-09	1928	0.2430	0.650	0.0328	22.6	83.8	0.031	0	0	0	
451	792.469	M-09	1927	0.2610	0.650	0.0342	24.3	75.3	0.013	0	0	1	Poor SRF
452	792.825	M-09	1926	0.3860	0.660	0.0327	22.9	85.6	0.008	2	0	0	

453	793.182	M-09	1925	0.2360	0.660	0.0326	23.7	87.3	0.007	0	0	0	
454	793.539	M-09	1924	0.3340	0.660	0.0342	28.0	70.7	0.008	0	0	0	
455	793.896	M-09	1923	0.3570	0.660	0.0312	19.3	102.7	0.015	0	0	0	
456	794.254	M-09	1922	0.3610	0.660	0.0319	20.1	96.1	0.009	0	0	0	
457	794.612	M-09	1921	0.9570	0.660	0.0319	21.5	91.6	0.007	2	0	0	
458	794.971	M-09	1920	0.3050	0.660	0.0326	21.6	85.8	0.006	1	0	0	
459	795.329	M-09	1919	0.3200	0.660	0.0344	27.8	68.3	0.010	1	0	0	
460	795.688	M-09	1918	0.3750	0.660	0.0319	25.6	92.1	0.019	2	0	0	
461	796.048	M-09	1917	0.9250	0.660	0.0318	26.3	92.5	0.018	4	0	0	
462	796.407	M-09	1916	0.3580	0.660	0.0319	22.2	96.3	0.008	2	0	0	
463	796.767	M-09	1915	7.2290	0.660	0.0351	27.3	69.1	0.006	3	2	1	Noise
464	797.127	M-09	1914	0.4970	0.660	0.0334	22.5	84.8	0.007	0	0	1	Poor SRF
465	797.488	M-09	1913	0.2530	0.660	0.0317	18.9	98.9	0.010	1	0	0	
466	797.849	M-09	1912	0.3210	0.660	0.0333	21.3	85.0	0.008	0	0	0	
467	798.210	M-09	1911	0.2370	0.660	0.0335	22.3	84.9	0.026	0	0	0	
468	798.571	M-09	1910	0.3770	0.670	0.0322	20.3	90.5	0.021	2	0	1	Poor SRF
469	798.933	M-09	1909	0.2270	0.670	0.0327	22.9	85.5	0.017	0	0	0	
470	799.295	M-09	1908	0.3650	0.670	0.0345	27.5	72.1	0.010	2	0	0	
471	799.658	M-09	1907	0.3420	0.670	0.0323	22.2	95.1	0.006	1	0	0	
472	800.020	M-09	1906	0.2420	0.670	0.0342	21.1	76.1	0.006	0	0	0	
473	800.383	M-09	1905	0.2410	0.670	0.0331	19.8	86.5	0.004	0	0	0	
474	800.747	M-09	1904	1.2180	0.670	0.0315	18.5	106.6	0.003	1	0	1	Poor SRF
475	801.110	M-09	1903	0.2360	0.670	0.0327	23.0	88.5	0.003	2	0	0	
476	801.474	M-09	1902	0.3490	0.670	0.0328	24.4	89.4	0.006	2	0	0	
477	801.839	M-09	1901	0.3490	0.670	0.0328	22.1	96.8	0.006	2	0	1	Poor SRF
478	802.203	M-09	1900	0.2350	0.670	0.0335	25.2	83.3	0.005	0	0	0	
479	802.568	M-09	1899	0.2310	0.670	0.0329	19.4	87.2	0.007	0	0	0	
480	802.934	M-09	1898	0.2330	0.670	0.0335	16.1	85.5	0.013	2	0	0	
481	803.299	M-09	1897	0.3320	0.670	0.0328	16.0	90.5	0.019	2	0	0	
482	803.665	M-09	1896	0.2510	0.670	0.0326	19.1	87.1	0.013	0	0	0	
483	804.031	M-09	1895	0.3840	0.670	0.0305	18.5	115.0	0.006	2	0	0	
484	804.398	M-09	1894	0.4130	0.680	0.0311	24.6	115.1	0.006	0	0	0	
485	804.765	M-09	1893	0.2500	0.680	0.0342	36.1	77.6	0.007	1	0	0	
486	805.132	M-09	1892	0.2350	0.680	0.0338	28.3	89.7	0.004	0	0	0	
487	805.499	M-09	1891	1.4260	0.680	0.0367	30.5	70.1	0.006	3	0	1	Poor SRF
488	805.867	M-09	1890	0.3100	0.680	0.0341	24.7	87.7	0.006	5	0	0	
489	806.235	M-09	1889	0.4430	0.680	0.0350	25.5	113.7	0.007	1	0	0	
490	806.604	M-09	1888	0.3940	0.680	0.0356	26.0	76.8	0.004	4	1	1	Bad SRF
491	806.972	M-09	1887	0.6300	0.680	0.0372	27.8	72.0	0.009	1	0	1	Poor SRF
492	807.341	M-09	1886	0.3630	0.680	0.0344	12.7	79.8	0.004	4	3	1	Popping
493	807.711	M-09	1885	0.3320	0.680	0.0353	25.9	86.1	0.007	1	0	0	
494	808.081	M-09	1884	9.9999	0.680	0.3581	-320.0	-80.0	0.016	6	2	1	Noise
495	808.451	M-09	1883	3.4350	0.680	0.0355	38.3	73.6	0.008	4	2	1	Noise
496	808.821	M-09	1882	0.3130	0.680	0.0367	23.8	74.4	0.010	1	0	0	
497	809.192	M-09	1881	0.2990	0.680	0.0374	29.1	76.1	0.005	1	0	0	
498	809.563	M-09	1880	0.3550	0.680	0.0369	30.3	76.6	0.005	1	0	0	
499	809.934	M-09	1879	0.3330	0.690	0.0359	25.8	78.2	0.002	4	1	1	Poor SRF
500	810.306	M-09	1878	1.4930	0.690	0.0366	25.8	77.9	0.002	4	1	1	Poor SRF
501	810.678	M-09	1877	0.2930	0.690	0.0364	26.6	74.9	0.004	1	0	0	
502	811.050	M-09	1876	0.3610	0.690	0.0342	25.2	84.8	0.004	1	1	1	Poor SRF
503	811.423	M-09	1875	0.3550	0.690	0.0331	22.7	109.8	0.002	1	0	0	
504	811.796	M-09	1874	0.2920	0.690	0.0328	27.0	114.8	0.002	0	0	0	
505	812.169	M-09	1873	0.3720	0.690	0.0313	27.2	120.5	0.003	2	0	0	
506	812.543	M-09	1872	0.4760	0.690	0.0337	32.2	97.5	0.004	1	0	0	
507	812.916	M-09	1871	0.4230	0.690	0.0352	30.9	98.1	0.003	2	0	1	Poor SRF
508	813.291	M-09	1870	0.4690	0.690	0.0351	30.5	92.6	0.012	0	0	0	
509	813.665	M-09	1869	0.2690	0.690	0.0342	27.6	94.1	0.008	1	0	0	
510	814.040	M-09	1868	0.4240	0.690	0.0337	26.6	103.6	0.011	2	0	0	
511	814.416	M-09	1867	0.3050	0.690	0.0343	27.3	102.0	0.014	0	0	0	
512	814.791	M-09	1866	0.9720	0.690	0.0326	23.5	112.3	0.010	2	0	0	
513	815.167	M-09	1865	0.2880	0.690	0.0346	28.6	99.3	0.007	0	1	0	
514	815.543	M-09	1864	0.4510	0.690	0.0372	34.3	81.1	0.005	0	0	0	
515	815.920	M-09	1863	0.4500	0.690	0.0333	26.2	112.3	0.004	4	1	0	

516	816.297	M-09	1862	0.3830	0.700	0.0355	30.1	85.5	0.007	0	0	0	
517	816.674	M-09	1861	0.2590	0.700	0.0359	30.7	80.4	0.006	1	0	0	
518	817.052	M-09	1860	0.3060	0.700	0.0348	26.8	96.9	0.003	0	0	0	
519	817.429	M-09	1859	0.3470	0.700	0.0328	23.7	108.1	0.003	0	0	0	
520	817.808	M-09	1858	0.2350	0.700	0.0341	25.9	103.1	0.004	0	0	0	
521	818.186	M-09	1857	0.2250	0.700	0.0346	29.2	96.8	0.004	0	0	0	
522	818.565	M-09	1856	0.2620	0.700	0.0320	23.7	118.5	0.004	0	0	0	
523	818.944	M-09	1855	0.2940	0.700	0.0367	30.2	81.7	0.005	0	0	0	
524	819.324	M-09	1854	0.3400	0.700	0.0358	30.5	85.1	0.005	1	0	0	
525	819.704	M-09	1853	2.1850	0.700	0.0332	27.1	102.7	0.005	5	2	1	Noise
526	820.084	M-09	1852	0.3820	0.700	0.0346	28.4	94.7	0.005	0	0	0	
527	820.465	M-09	1851	0.2640	0.700	0.0348	28.6	97.6	0.005	0	0	0	
528	820.846	M-09	1850	0.2550	0.700	0.0335	26.9	101.5	0.003	0	0	0	
529	821.227	M-09	1849	0.2940	0.700	0.0338	26.2	103.6	0.004	0	0	0	
530	821.608	M-09	1848	0.3510	0.700	0.0336	25.7	107.5	0.004	0	0	0	
531	821.990	M-09	1847	2.1210	0.710	0.0359	32.6	83.4	0.004	1	2	1	Noise
532	822.372	M-09	1846	0.3000	0.710	0.0340	27.5	99.2	0.005	1	0	0	
533	822.755	M-09	1845	0.3770	0.710	0.0361	30.6	85.9	0.005	1	0	0	
534	823.138	M-09	1844	0.4110	0.710	0.0337	26.2	101.1	0.005	1	0	0	
535	823.521	M-09	1843	6.0940	0.710	0.0346	29.1	84.5	0.005	1	2	1	Noise
536	823.905	M-09	1842	0.2290	0.710	0.0353	26.9	89.6	0.005	0	0	0	
537	824.289	M-09	1841	1.0660	0.710	0.0325	23.9	107.4	0.004	4	0	1	Poor SRF
538	824.673	M-09	1840	0.3060	0.710	0.0337	28.4	94.7	0.011	0	0	0	
539	825.058	M-09	1839	0.3560	0.710	0.0316	22.9	122.2	0.006	2	0	0	
540	825.443	M-09	1838	0.2400	0.710	0.0335	30.6	99.0	0.005	0	0	0	
541	825.828	M-09	1837	0.2300	0.710	0.0335	29.9	99.2	0.004	0	0	0	
542	826.213	M-09	1836	0.3720	0.710	0.0332	28.8	101.2	0.004	2	0	0	
543	826.599	M-09	1835	0.3780	0.710	0.0320	23.1	120.8	0.006	0	0	0	
544	826.986	M-09	1834	0.3270	0.710	0.0348	33.1	82.5	0.006	1	0	0	
545	827.372	M-09	1833	0.2270	0.710	0.0342	29.4	92.9	0.007	0	0	0	
546	827.759	M-09	1832	0.2530	0.720	0.0333	27.7	101.8	0.009	2	0	0	
547	828.147	M-09	1831	0.2540	0.720	0.0345	32.4	83.2	0.005	0	0	0	
548	828.534	M-09	1830	0.2460	0.720	0.0330	27.2	101.0	0.004	0	0	0	
549	828.922	M-09	1829	0.3670	0.720	0.0343	31.1	87.0	0.004	2	0	0	
550	829.311	M-09	1828	0.4270	0.720	0.0325	29.2	100.3	0.004	1	0	0	
551	829.700	M-09	1827	0.2620	0.720	0.0307	22.6	121.9	0.004	2	0	0	
552	830.089	M-09	1826	0.2440	0.720	0.0326	28.0	101.7	0.003	0	0	0	
553	830.478	M-09	1825	0.2470	0.720	0.0315	26.5	110.7	0.004	5	0	0	
554	830.868	M-09	1824	0.3260	0.720	0.0339	30.9	88.8	0.003	1	0	0	
555	831.258	M-09	1823	0.3310	0.720	0.0326	30.1	96.8	0.003	1	0	0	
556	831.648	M-09	1822	0.3750	0.720	0.0311	24.8	115.4	0.003	0	1	0	
557	832.039	M-09	1821	0.3390	0.720	0.0338	32.4	85.0	0.003	1	0	0	
558	832.430	M-09	1820	0.3450	0.720	0.0303	22.2	121.3	0.003	1	0	0	
559	832.822	M-09	1819	0.3270	0.720	0.0325	28.3	96.6	0.003	0	0	0	
560	833.213	M-09	1818	0.3360	0.730	0.0319	28.5	99.8	0.002	1	0	0	
561	833.606	M-09	1817	1.5120	0.730	0.0336	31.3	85.7	0.002	1	0	0	
562	833.998	M-09	1816	0.3190	0.730	0.0326	28.4	94.3	0.002	0	0	0	
563	834.391	M-09	1815	0.4130	0.730	0.0297	21.8	119.4	0.002	2	0	0	
564	834.784	M-09	1814	0.2840	0.730	0.0301	21.9	118.8	0.003	0	0	0	
565	835.178	M-09	1813	0.2980	0.730	0.0336	29.5	80.5	0.011	1	0	0	
566	835.572	M-09	1812	0.3860	0.730	0.0315	26.7	98.5	0.005	2	1	0	
567	835.966	M-09	1811	0.3710	0.730	0.0325	30.5	85.4	0.009	0	0	0	
568	836.361	M-09	1810	0.3800	0.730	0.0297	24.5	113.7	0.002	1	0	0	
569	836.756	M-09	1809	0.4600	0.730	0.0321	28.0	95.5	0.002	2	0	0	
570	837.151	M-09	1808	0.3810	0.730	0.0314	25.5	99.8	0.002	0	0	0	
571	837.546	M-09	1807	0.7220	0.730	0.0302	20.8	113.2	0.002	0	0	0	
572	837.943	M-09	1806	0.2580	0.730	0.0320	26.4	98.1	0.002	0	0	0	
573	838.339	M-09	1805	0.2900	0.730	0.0307	24.0	102.9	0.002	0	0	0	
574	838.736	M-09	1804	0.3980	0.730	0.0318	25.4	98.7	0.002	1	0	0	
575	839.133	M-09	1803	0.3630	0.740	0.0321	26.6	94.5	0.004	1	0	0	
576	839.530	M-09	1802	0.3530	0.740	0.0313	25.6	94.8	0.008	0	0	0	
577	839.928	M-09	1801	0.2800	0.740	0.0304	22.8	104.9	0.011	2	0	0	
578	840.326	M-09	1800	0.2650	0.740	0.0312	26.6	95.2	0.008	0	0	0	

579	840.725	M-09	1799	0.3600	0.740	0.0304	26.0	99.7	0.009	0	0	0	
580	841.123	M-09	1798	0.2780	0.740	0.0306	28.4	95.6	0.005	0	0	0	
581	841.523	M-09	1797	0.4300	0.740	0.0318	32.6	86.0	0.007	1	0	0	
582	841.922	M-09	1796	5.2880	0.740	0.0295	26.1	104.3	0.002	4	2	1	Noise
583	842.322	M-09	1795	0.7310	0.740	0.0303	24.5	100.1	0.005	1	0	0	
584	842.722	M-09	1794	0.2730	0.740	0.0291	22.9	113.1	0.001	2	0	0	
585	843.123	M-09	1793	0.2910	0.740	0.0298	25.0	100.0	0.001	0	0	0	
586	843.524	M-09	1792	1.1890	0.740	0.0288	19.3	114.4	0.001	2	0	0	
587	843.925	M-09	1791	0.2810	0.740	0.0305	24.8	99.6	0.001	0	0	0	
588	844.327	M-09	1790	0.4040	0.740	0.0294	21.8	104.2	0.001	2	0	0	
589	844.729	M-09	1789	1.4360	0.750	0.0319	27.0	87.6	0.001	2	0	0	
590	845.132	M-09	1788	0.5940	0.750	0.0300	26.3	99.7	0.001	0	0	0	
591	845.534	M-09	1787	0.4330	0.750	0.0300	27.2	99.7	0.003	1	0	0	
592	845.938	M-09	1786	0.2740	0.750	0.0305	27.2	101.4	0.003	2	0	0	
593	846.341	M-09	1785	0.3480	0.750	0.0308	28.9	96.3	0.001	0	0	0	
594	846.745	M-09	1784	0.3940	0.750	0.0299	28.7	96.4	0.001	1	0	0	
595	847.149	M-09	1783	0.2830	0.750	0.0303	26.7	98.4	0.001	1	0	0	
596	847.554	M-09	1782	0.6660	0.750	0.0304	27.9	97.4	0.001	2	1	0	
597	847.959	M-09	1781	0.7350	0.750	0.0290	23.5	111.8	0.001	0	0	0	
598	848.364	M-09	1780	1.3310	0.750	0.0283	20.6	122.3	0.001	2	0	1	Poor SRF
599	848.770	M-09	1779	0.4800	0.750	0.0309	27.7	98.6	0.002	1	0	0	
600	849.176	M-09	1778	0.3680	0.750	0.0292	29.9	113.2	0.006	0	0	0	
601	849.582	M-09	1777	0.4480	0.750	0.0312	31.6	99.1	0.010	0	0	0	
602	849.989	M-09	1776	0.5720	0.760	0.0281	2.3	110.9	0.006	0	1	0	
603	850.396	M-09	1775	3.2530	0.760	0.0316	29.1	81.4	0.002	4	2	1	Noise
604	850.804	M-09	1774	0.7340	0.760	0.0282	41.7	109.1	0.003	4	0	1	Poor SRF
605	851.212	M-09	1773	0.5070	0.760	0.0286	40.9	119.7	0.003	0	0	0	
606	851.620	M-09	1772	0.4770	0.760	0.0279	19.1	125.7	0.004	2	0	0	
607	852.029	M-09	1771	0.3190	0.760	0.0293	29.4	110.5	0.008	1	0	0	
608	852.438	M-09	1770	0.4750	0.760	0.0310	38.1	99.2	0.014	1	0	1	Bad SRF
609	851.500	M-08	1769	0.4550	0.570	0.0171	49.0	5.0	0.003	0	0	0	
610	851.806	M-08	1768	0.6220	0.570	0.0166	45.6	-1.7	0.005	2	0	1	Poor SRF
611	852.113	M-08	1767	0.5740	0.570	0.0179	43.2	9.8	0.009	0	0	1	Poor SRF
612	852.420	M-08	1766	0.4180	0.570	0.0193	40.7	11.0	0.015	0	0	1	Poor SRF
613	852.728	M-08	1765	0.4120	0.570	0.0195	40.7	14.0	0.016	0	0	0	
614	853.035	M-08	1764	0.3970	0.570	0.0193	40.0	16.0	0.012	0	0	0	
615	853.343	M-08	1763	0.6140	0.570	0.0203	36.2	18.0	0.007	0	0	1	Poor SRF
616	853.651	M-08	1762	0.3760	0.570	0.0215	34.8	19.3	0.006	0	0	0	
617	853.960	M-08	1761	0.3780	0.570	0.0215	36.4	21.6	0.007	0	0	0	
618	854.268	M-08	1760	0.3700	0.580	0.0223	37.0	31.0	0.010	0	0	0	
619	854.577	M-08	1759	0.3470	0.580	0.0227	36.2	25.1	0.016	0	0	0	
620	854.886	M-08	1758	0.4700	0.580	0.0229	34.9	13.9	0.010	2	0	1	Poor SRF
621	855.196	M-08	1757	0.3410	0.580	0.0234	33.1	25.5	0.006	0	0	0	
622	855.505	M-08	1756	9.9999	0.580	0.3581	-320.0	-80.0	0.004	6	2	1	Noise
623	855.815	M-08	1755	0.5270	0.580	0.0256	32.6	46.2	0.003	1	0	1	Poor SRF
624	856.125	M-08	1754	0.3360	0.580	0.0245	34.1	28.2	0.002	0	0	1	Poor SRF
625	856.435	M-08	1753	0.5530	0.580	0.0243	34.6	33.7	0.002	0	0	0	
626	856.746	M-08	1752	0.5220	0.580	0.0245	34.3	30.3	0.001	1	0	0	
627	857.057	M-08	1751	0.3370	0.580	0.0251	34.6	31.6	0.001	0	0	0	
628	857.368	M-08	1750	0.3220	0.580	0.0249	32.1	32.8	0.001	0	0	0	
629	857.679	M-08	1749	0.3430	0.580	0.0244	28.5	32.8	0.001	0	0	1	Poor SRF
630	857.990	M-08	1748	0.3900	0.580	0.0244	28.4	27.9	0.002	2	0	1	Poor SRF
631	858.302	M-08	1747	0.5150	0.580	0.0265	30.0	51.3	0.005	1	0	1	Poor SRF
632	858.614	M-08	1746	0.3500	0.580	0.0259	32.1	31.6	0.006	1	0	0	
633	858.926	M-08	1745	0.3280	0.580	0.0242	30.2	31.3	0.006	0	0	0	
634	859.239	M-08	1744	0.4230	0.580	0.0250	28.3	31.6	0.003	2	0	0	
635	859.552	M-08	1743	0.3160	0.580	0.0252	27.6	32.3	0.003	0	0	0	
636	859.865	M-08	1742	0.8510	0.580	0.0245	28.6	29.3	0.003	5	3	1	Popping
637	860.178	M-08	1741	0.3090	0.580	0.0257	29.7	34.5	0.002	0	0	0	
638	860.491	M-08	1740	0.3080	0.580	0.0268	29.0	25.2	0.001	2	0	0	
639	860.805	M-08	1739	0.4660	0.580	0.0297	32.6	56.7	0.001	1	0	0	
640	861.119	M-08	1738	0.2900	0.580	0.0286	28.1	37.3	0.001	2	0	0	
641	861.433	M-08	1737	0.4350	0.580	0.0300	24.8	37.6	0.001	1	0	0	

642	861.748	M-08	1736	0.3670	0.580	0.0310	23.8	37.9	0.001	2	0	0	
643	862.063	M-08	1735	0.2830	0.590	0.0310	25.6	38.6	0.001	1	0	0	
644	862.377	M-08	1734	0.3620	0.590	0.0315	27.8	39.8	0.001	2	0	0	
645	862.693	M-08	1733	0.3870	0.590	0.0326	30.7	39.6	0.001	2	0	0	
646	863.008	M-08	1732	0.2450	0.590	0.0341	30.9	38.2	0.001	0	0	0	
647	863.324	M-08	1731	0.2470	0.590	0.0340	28.9	38.3	0.001	0	0	0	
648	863.640	M-08	1730	0.2570	0.590	0.0351	26.7	38.1	0.001	0	0	0	
649	863.956	M-08	1729	0.2370	0.590	0.0366	26.5	36.9	0.001	0	0	0	
650	864.273	M-08	1728	0.2370	0.590	0.0369	26.5	37.2	0.002	1	0	0	
651	864.589	M-08	1727	0.3690	0.590	0.0375	25.5	37.3	0.010	1	0	0	
652	864.906	M-08	1726	0.2870	0.590	0.0385	27.0	42.7	0.007	1	0	0	
653	865.223	M-08	1725	0.2270	0.590	0.0385	27.1	38.3	0.010	0	0	0	
654	865.541	M-08	1724	0.2230	0.590	0.0388	28.8	38.3	0.010	0	0	0	
655	865.859	M-08	1723	0.2200	0.590	0.0389	29.3	38.1	0.004	0	0	0	
656	866.177	M-08	1722	0.2950	0.590	0.0404	28.3	38.0	0.002	2	0	0	
657	866.495	M-08	1721	0.2340	0.590	0.0409	28.0	37.4	0.001	0	0	0	
658	866.813	M-08	1720	0.3000	0.590	0.0392	28.0	24.6	0.001	2	0	0	
659	867.132	M-08	1719	0.3510	0.590	0.0425	27.5	58.0	0.001	1	0	0	
660	867.451	M-08	1718	0.2400	0.590	0.0422	28.1	36.7	0.001	0	0	0	
661	867.770	M-08	1717	0.2080	0.590	0.0422	30.0	36.0	0.001	0	0	0	
662	868.090	M-08	1716	0.2070	0.590	0.0422	29.6	36.1	0.001	0	0	0	
663	868.409	M-08	1715	0.2070	0.590	0.0429	29.6	36.0	0.001	0	0	0	
664	868.729	M-08	1714	0.7150	0.590	0.0444	27.9	40.2	0.001	5	0	0	
665	869.050	M-08	1713	0.2040	0.590	0.0433	27.8	34.0	0.001	0	0	0	
666	869.370	M-08	1712	0.3260	0.590	0.0434	27.1	34.2	0.001	1	0	0	
667	869.691	M-08	1711	0.2050	0.600	0.0431	28.6	34.9	0.001	0	0	0	
668	870.012	M-08	1710	0.2120	0.600	0.0432	31.2	35.5	0.001	0	0	0	
669	870.333	M-08	1709	0.3350	0.600	0.0452	35.1	58.3	0.001	1	0	0	
670	870.655	M-08	1708	0.2830	0.600	0.0435	33.7	37.5	0.003	2	0	0	
671	870.976	M-08	1707	0.2750	0.600	0.0444	32.5	37.7	0.008	2	0	0	
672	871.298	M-08	1706	0.2010	0.600	0.0444	32.9	37.7	0.010	0	0	0	
673	871.621	M-08	1705	0.2030	0.600	0.0436	31.0	42.3	0.005	0	0	0	
674	871.943	M-08	1704	0.1960	0.600	0.0451	30.3	37.7	0.002	0	0	0	
675	872.266	M-08	1703	0.1930	0.600	0.0463	30.1	37.8	0.001	0	0	0	
676	872.589	M-08	1702	0.2000	0.600	0.0459	28.7	38.3	0.001	0	0	0	
677	872.912	M-08	1701	0.2750	0.600	0.0444	24.8	26.8	0.001	2	0	0	
678	873.236	M-08	1700	0.7990	0.600	0.0482	27.2	49.8	0.001	2	0	0	
679	873.560	M-08	1699	0.1910	0.600	0.0482	29.0	43.0	0.001	0	0	0	
680	873.884	M-08	1698	0.3090	0.600	0.0493	30.0	47.0	0.001	1	0	0	
681	874.208	M-08	1697	9.9370	0.600	0.0516	26.1	59.2	0.001	4	2	1	Noise
682	874.533	M-08	1696	0.3010	0.600	0.0529	29.2	62.2	0.001	1	0	1	Poor SRF
683	874.857	M-08	1695	0.2890	0.600	0.0521	28.9	42.4	0.001	1	0	0	
684	875.183	M-08	1694	0.2430	0.600	0.0523	29.7	38.5	0.001	2	0	0	
685	875.508	M-08	1693	0.2030	0.600	0.0538	29.1	43.1	0.001	0	0	0	
686	875.834	M-08	1692	0.2390	0.600	0.0545	27.4	31.2	0.001	4	0	0	
687	876.159	M-08	1691	0.2330	0.600	0.0557	27.8	43.3	0.001	2	0	0	
688	876.486	M-08	1690	3.9930	0.600	0.0574	28.2	63.5	0.001	3	2	1	Noise
689	876.812	M-08	1689	0.1670	0.600	0.0566	25.5	46.1	0.001	0	0	0	
690	877.139	M-08	1688	0.2750	0.600	0.0579	25.8	50.2	0.001	1	0	0	
691	877.466	M-08	1687	0.1700	0.610	0.0576	26.4	47.4	0.001	0	0	0	
692	877.793	M-08	1686	0.1660	0.610	0.0580	26.1	47.4	0.002	0	0	0	
693	878.120	M-08	1685	0.1640	0.610	0.0592	25.3	47.7	0.004	0	0	0	
694	878.448	M-08	1684	0.2270	0.610	0.0587	24.9	36.3	0.009	2	0	0	
695	878.776	M-08	1683	0.1720	0.610	0.0595	26.1	52.8	0.007	0	0	0	
696	879.104	M-08	1682	0.2630	0.610	0.0593	26.0	49.0	0.003	1	0	0	
697	879.432	M-08	1681	0.2240	0.610	0.0590	26.4	40.0	0.001	2	0	0	
698	879.761	M-08	1680	0.1700	0.610	0.0598	26.4	43.3	0.001	0	0	0	
699	880.090	M-08	1679	0.1650	0.610	0.0600	26.2	48.5	0.001	0	0	0	
700	880.420	M-08	1678	0.1600	0.610	0.0617	26.0	58.3	0.001	0	0	0	
701	880.749	M-08	1677	0.1610	0.610	0.0621	25.9	50.5	0.006	0	0	0	
702	881.079	M-08	1676	0.2200	0.610	0.0624	26.5	50.7	0.002	2	0	0	
703	881.409	M-08	1675	0.1690	0.610	0.0619	22.2	54.7	0.006	0	0	0	
704	881.739	M-08	1674	0.1580	0.610	0.0621	17.0	49.1	0.001	0	0	0	

705	882.070	M-08	1673	0.1680	0.610	0.0613	18.7	45.9	0.001	0	0	0	
706	882.401	M-08	1672	0.2950	0.610	0.0603	24.7	43.6	0.002	1	0	0	
707	882.732	M-08	1671	0.1680	0.610	0.0612	32.3	45.5	0.008	0	0	0	
708	883.063	M-08	1670	0.1710	0.610	0.0640	31.4	48.1	0.005	0	0	0	
709	883.395	M-08	1669	0.2130	0.610	0.0649	27.3	50.6	0.005	2	0	0	
710	883.727	M-08	1668	0.2210	0.610	0.0640	23.1	51.7	0.008	2	0	0	
711	884.059	M-08	1667	0.2100	0.610	0.0664	26.4	50.6	0.007	2	0	0	
712	884.391	M-08	1666	0.1540	0.610	0.0673	25.3	50.3	0.003	0	0	0	
713	884.724	M-08	1665	0.1870	0.610	0.0655	24.3	50.8	0.002	0	0	0	
714	885.057	M-08	1664	0.1530	0.620	0.0669	24.2	50.5	0.001	0	0	0	
715	885.390	M-08	1663	0.1650	0.620	0.0688	25.4	54.1	0.001	0	0	0	
716	885.724	M-08	1662	0.3550	0.620	0.0674	25.8	49.4	0.001	1	0	0	
717	886.057	M-08	1661	0.1840	0.620	0.0662	24.7	42.1	0.001	1	0	0	
718	886.391	M-08	1660	0.1460	0.620	0.0701	25.5	51.7	0.001	0	0	0	
719	886.726	M-08	1659	0.2130	0.620	0.0720	26.5	55.1	0.004	0	0	0	
720	887.060	M-08	1658	0.2510	0.620	0.0709	26.0	59.5	0.008	1	0	0	
721	887.395	M-08	1657	0.1500	0.620	0.0709	24.5	52.7	0.007	0	0	0	
722	887.730	M-08	1656	0.1440	0.620	0.0734	26.4	52.8	0.008	0	0	0	
723	888.066	M-08	1655	0.3310	0.620	0.0745	26.9	72.9	0.003	0	0	0	
724	888.401	M-08	1654	0.1480	0.620	0.0718	24.4	54.6	0.007	0	0	0	
725	888.737	M-08	1653	0.2000	0.620	0.0749	22.7	63.6	0.008	0	0	0	
726	889.073	M-08	1652	0.1420	0.620	0.0756	24.5	55.2	0.008	0	0	0	
727	889.410	M-08	1651	0.2020	0.620	0.0721	24.6	47.0	0.002	2	0	0	
728	889.747	M-08	1650	0.1450	0.620	0.0749	23.1	61.0	0.006	0	0	0	
729	890.084	M-08	1649	0.1920	0.620	0.0758	23.4	44.0	0.004	2	0	0	
730	890.421	M-08	1648	0.1450	0.620	0.0763	23.0	56.3	0.006	0	0	0	
731	890.758	M-08	1647	0.2310	0.620	0.0754	21.7	73.8	0.002	1	0	0	
732	891.096	M-08	1646	0.1420	0.620	0.0771	22.7	58.1	0.004	0	0	0	
733	891.434	M-08	1645	4.5730	0.620	0.0781	24.4	57.2	0.004	2	2	1	Noise
734	891.773	M-08	1644	0.1520	0.620	0.0756	24.5	57.5	0.002	0	0	0	
735	892.111	M-08	1643	0.1440	0.620	0.0764	21.6	59.3	0.001	0	0	0	
736	892.450	M-08	1642	4.7130	0.620	0.0810	22.6	77.6	0.001	4	2	1	Noise
737	892.789	M-08	1641	0.1620	0.630	0.0809	23.6	71.2	0.001	0	0	0	
738	893.129	M-08	1640	0.1450	0.630	0.0773	21.5	60.2	0.001	0	0	0	
739	893.468	M-08	1639	0.2150	0.630	0.0828	19.5	82.3	0.001	1	0	0	
740	893.808	M-08	1638	0.1960	0.630	0.0794	20.2	58.6	0.001	2	0	0	
741	894.149	M-08	1637	0.2070	0.630	0.0707	27.0	40.5	0.001	2	0	0	
742	894.489	M-08	1636	0.8370	0.630	0.0783	27.2	44.3	0.001	5	3	1	Popping
743	894.830	M-08	1635	0.2000	0.630	0.0798	24.2	45.9	0.001	2	0	0	
744	895.171	M-08	1634	0.2330	0.630	0.0829	23.8	76.8	0.001	0	0	0	
745	895.513	M-08	1633	0.1940	0.630	0.0793	23.2	61.4	0.001	2	0	0	
746	895.854	M-08	1632	0.1870	0.630	0.0814	24.5	51.4	0.001	2	0	0	
747	896.196	M-08	1631	1.4560	0.630	0.0852	24.4	76.3	0.003	5	0	0	
748	896.538	M-08	1630	0.1890	0.630	0.0799	26.2	45.8	0.004	2	0	0	
749	896.881	M-08	1629	2.7800	0.630	0.0801	25.7	46.2	0.002	5	2	1	Noise
750	897.223	M-08	1628	0.2850	0.630	0.0856	21.9	65.2	0.002	1	0	1	Poor SRF
751	897.566	M-08	1627	0.1370	0.630	0.0846	23.4	57.8	0.008	0	0	0	
752	897.910	M-08	1626	0.1820	0.630	0.0831	21.5	58.4	0.006	2	0	0	
753	898.253	M-08	1625	2.0070	0.630	0.0848	22.8	44.0	0.001	5	2	1	Noise
754	898.597	M-08	1624	0.2220	0.630	0.0875	21.4	79.2	0.001	1	0	0	
755	898.941	M-08	1623	9.9999	0.630	0.0814	24.6	43.0	0.001	2	2	1	Noise
756	899.286	M-08	1622	0.3830	0.630	0.0782	23.3	81.9	0.001	1	0	0	
757	899.630	M-08	1621	0.1300	0.640	0.0896	24.8	58.0	0.001	0	0	0	
758	899.975	M-08	1620	0.1330	0.640	0.0872	26.6	57.7	0.001	0	0	0	
759	900.321	M-08	1619	0.1780	0.640	0.0853	25.7	46.2	0.001	2	0	0	
760	900.666	M-08	1618	0.2940	0.640	0.0898	24.8	58.9	0.001	0	0	0	
761	901.012	M-08	1617	0.1370	0.640	0.0900	24.9	63.0	0.001	0	0	0	
762	901.358	M-08	1616	1.1450	0.640	0.0900	22.9	79.9	0.001	4	1	1	Bad SRF
763	901.704	M-08	1615	0.1670	0.640	0.0909	21.6	60.8	0.001	2	0	0	
764	902.051	M-08	1614	0.1960	0.640	0.0934	21.7	82.1	0.001	1	0	0	
765	902.398	M-08	1613	0.4480	0.640	0.0889	23.0	50.4	0.002	5	0	0	
766	902.745	M-08	1612	0.1900	0.640	0.0948	19.9	83.6	0.002	0	0	0	
767	903.092	M-08	1611	0.1570	0.640	0.0956	20.7	65.2	0.001	2	0	0	

768	903.440	M-08	1610	0.5550	0.640	0.0952	19.4	66.5	0.001	0	0	0	
769	903.788	M-08	1609	0.1830	0.640	0.0974	20.8	85.4	0.001	1	0	0	
770	911.246	M-07	1608	0.4040	0.650	0.1023	54.1	-20.3	0.002	4	0	0	
771	911.601	M-07	1607	0.2150	0.650	0.1044	52.2	-18.3	0.001	2	0	0	
772	911.956	M-07	1606	0.2290	0.650	0.1055	51.4	-15.4	0.001	2	0	0	
773	912.312	M-07	1605	0.4110	0.650	0.1106	46.7	-15.0	0.001	1	0	1	Poor SRF
774	912.667	M-07	1604	0.2760	0.650	0.1158	50.0	-10.3	0.001	0	0	0	
775	913.023	M-07	1603	0.2120	0.650	0.1200	48.1	-8.5	0.001	0	0	0	
776	913.380	M-07	1602	0.1400	0.650	0.1208	47.9	-5.8	0.002	0	0	0	
777	913.736	M-07	1601	0.1890	0.660	0.1230	46.3	-3.4	0.005	2	0	0	
778	914.093	M-07	1600	0.1530	0.660	0.1249	44.8	-0.5	0.006	0	0	0	
779	914.450	M-07	1599	0.1330	0.660	0.1287	45.0	1.6	0.003	0	0	0	
780	914.807	M-07	1598	0.1300	0.660	0.1315	43.9	3.2	0.002	0	0	0	
781	915.165	M-07	1597	0.1280	0.660	0.1366	43.3	5.8	0.002	0	0	0	
782	915.523	M-07	1596	0.1320	0.660	0.1353	41.8	8.7	0.001	0	0	0	
783	915.881	M-07	1595	9.9999	0.660	0.3581	-320.0	-80.0	0.001	4	2	1	Noise
784	916.240	M-07	1594	0.1740	0.660	0.1420	40.1	14.5	0.001	0	0	0	
785	916.599	M-07	1593	0.1230	0.660	0.1436	37.4	17.0	0.001	0	0	0	
786	916.958	M-07	1592	0.1150	0.660	0.1475	38.8	19.4	0.001	0	0	0	
787	917.317	M-07	1591	0.1120	0.660	0.1517	39.9	21.5	0.001	0	0	0	
788	917.677	M-07	1590	0.1360	0.660	0.1545	38.5	22.8	0.001	1	0	0	
789	918.037	M-07	1589	0.1300	0.660	0.1550	36.9	24.4	0.005	0	0	0	
790	918.397	M-07	1588	0.2190	0.660	0.1541	37.2	25.4	0.005	1	0	1	Poor SRF
791	918.758	M-07	1587	0.1200	0.660	0.1609	38.0	29.8	0.004	0	0	0	
792	919.119	M-07	1586	0.1540	0.660	0.1621	37.9	31.6	0.002	2	0	0	
793	919.480	M-07	1585	0.1600	0.660	0.1631	36.7	33.4	0.001	2	0	0	
794	919.842	M-07	1584	0.1470	0.660	0.1679	35.5	35.3	0.001	2	0	0	
795	920.203	M-07	1583	0.1630	0.670	0.1668	34.4	37.4	0.001	2	0	0	
796	920.565	M-07	1582	0.1040	0.670	0.1693	34.2	38.7	0.002	0	0	0	
797	920.928	M-07	1581	0.1030	0.670	0.1744	34.9	39.9	0.005	0	0	0	
798	921.290	M-07	1580	0.1260	0.670	0.1741	34.7	40.3	0.005	0	0	0	
799	921.653	M-07	1579	0.1540	0.670	0.1756	34.5	42.1	0.006	1	0	0	
800	922.017	M-07	1578	3.0160	0.670	0.1773	32.4	41.9	0.011	5	2	1	Noise
801	922.380	M-07	1577	0.1580	0.670	0.1801	31.3	44.0	0.010	1	0	0	
802	922.744	M-07	1576	2.4200	0.670	0.1794	31.8	45.8	0.004	4	2	1	Noise
803	923.108	M-07	1575	3.0250	0.670	0.1734	33.2	46.2	0.003	3	2	1	Noise
804	923.473	M-07	1574	0.1010	0.670	0.1796	31.9	48.0	0.001	0	0	0	
805	923.837	M-07	1573	0.1010	0.670	0.1810	31.8	48.1	0.001	0	0	0	
806	924.202	M-07	1572	0.8170	0.670	0.1794	32.1	47.2	0.001	2	0	1	Poor SRF
807	924.568	M-07	1571	0.1500	0.670	0.1857	31.2	48.9	0.004	1	0	0	
808	924.933	M-07	1570	0.1820	0.670	0.1822	29.5	50.4	0.007	1	0	0	
809	925.299	M-07	1569	0.1550	0.670	0.1844	28.3	52.1	0.005	1	0	0	
810	925.665	M-07	1568	0.1010	0.670	0.1889	29.3	53.4	0.002	0	0	0	
811	926.032	M-07	1567	0.1410	0.670	0.1874	30.1	53.9	0.001	2	0	0	
812	926.399	M-07	1566	0.1010	0.670	0.1843	31.4	55.0	0.001	0	0	0	
813	926.766	M-07	1565	0.1610	0.680	0.1919	31.4	56.5	0.001	1	0	0	
814	927.133	M-07	1564	0.1410	0.680	0.1940	29.0	57.4	0.002	1	0	0	
815	927.501	M-07	1563	0.2240	0.680	0.1940	27.6	57.3	0.001	2	0	0	
816	927.869	M-07	1562	0.1180	0.680	0.1948	27.9	58.3	0.001	0	0	0	
817	928.237	M-07	1561	0.1450	0.680	0.1956	29.3	59.1	0.002	1	0	1	Poor SRF
818	928.606	M-07	1560	0.0930	0.680	0.1954	27.5	59.6	0.007	0	0	0	
819	928.975	M-07	1559	0.0930	0.680	0.1989	27.5	59.4	0.003	0	0	0	
820	929.344	M-07	1558	0.1600	0.680	0.1978	28.1	57.7	0.005	1	0	0	
821	929.714	M-07	1557	0.0930	0.680	0.2012	28.0	55.8	0.001	0	0	0	
822	930.083	M-07	1556	0.0940	0.680	0.2020	27.9	55.4	0.001	0	0	0	
823	930.453	M-07	1555	0.1060	0.680	0.2061	29.5	56.0	0.001	0	0	0	
824	930.824	M-07	1554	0.1500	0.680	0.2060	30.3	55.9	0.002	2	0	0	
825	931.195	M-07	1553	0.1400	0.680	0.2050	29.7	56.0	0.002	1	0	0	
826	931.566	M-07	1552	4.9450	0.680	0.2064	30.2	55.4	0.001	5	2	1	Noise
827	931.937	M-07	1551	0.1490	0.680	0.2080	30.0	54.4	0.002	1	0	0	
828	932.309	M-07	1550	1.5390	0.680	0.2024	31.2	53.5	0.003	5	1	0	
829	932.681	M-07	1549	0.1650	0.680	0.2105	30.3	52.9	0.005	2	0	0	
830	933.053	M-07	1548	0.0900	0.680	0.2135	28.7	52.6	0.003	0	0	0	

831	933.425	M-07	1547	0.3760	0.690	0.2079	27.7	51.3	0.005	5	0	1	Poor SRF
832	933.798	M-07	1546	0.6100	0.690	0.2031	29.9	50.4	0.001	4	0	1	Bad SRF
833	934.171	M-07	1545	0.1400	0.690	0.2158	31.8	49.2	0.001	1	0	0	
834	934.545	M-07	1544	9.9999	0.690	0.3581	-320.0	-80.0	0.002	4	3	1	Popping
835	934.919	M-07	1543	0.1470	0.690	0.2154	28.9	52.8	0.003	1	0	0	
836	935.293	M-07	1542	0.1060	0.690	0.2239	32.1	52.6	0.002	0	0	0	
837	935.667	M-07	1541	5.7820	0.690	0.2166	31.8	51.7	0.001	3	2	1	Noise
838	936.042	M-07	1540	0.1330	0.690	0.2237	29.5	55.3	0.001	1	0	0	
839	936.417	M-07	1539	0.1230	0.690	0.2308	29.6	53.7	0.002	2	0	0	
840	936.792	M-07	1538	0.0920	0.690	0.2259	30.0	52.4	0.004	0	0	0	
841	937.168	M-07	1537	0.1660	0.690	0.2234	28.8	52.6	0.005	2	0	0	
842	937.544	M-07	1536	0.7350	0.690	0.2304	29.6	53.2	0.004	5	0	0	
843	937.920	M-07	1535	0.1270	0.690	0.2245	30.3	53.6	0.002	2	0	0	
844	938.296	M-07	1534	0.1410	0.690	0.2238	30.9	56.0	0.003	1	0	0	
845	938.673	M-07	1533	0.1210	0.690	0.2328	30.9	56.2	0.005	2	0	0	
846	939.050	M-07	1532	0.0940	0.690	0.2300	29.9	53.9	0.003	0	0	0	
847	939.428	M-07	1531	0.1330	0.690	0.2188	30.6	54.0	0.001	2	0	0	
848	939.806	M-07	1530	0.1330	0.690	0.2324	30.4	54.8	0.001	1	0	0	
849	940.184	M-07	1529	2.9420	0.690	0.2285	28.7	54.8	0.004	3	2	1	Noise
850	940.562	M-07	1528	0.0960	0.700	0.2283	29.3	58.6	0.007	0	0	0	
851	940.941	M-07	1527	0.1300	0.700	0.2403	30.2	61.0	0.004	1	0	0	
852	941.320	M-07	1526	0.1100	0.700	0.2412	30.4	59.5	0.007	0	0	0	
853	941.699	M-07	1525	0.1240	0.700	0.2253	28.9	58.2	0.002	2	0	0	
854	942.079	M-07	1524	0.1330	0.700	0.2366	26.9	58.8	0.004	1	0	0	
855	942.459	M-07	1523	0.1230	0.700	0.2444	27.7	60.1	0.006	2	0	0	
856	942.839	M-07	1522	0.2630	0.700	0.2319	28.1	61.4	0.002	1	0	0	
857	943.220	M-07	1521	0.1380	0.700	0.2403	28.7	63.9	0.001	0	0	0	
858	943.601	M-07	1520	0.1310	0.700	0.2436	29.1	63.1	0.002	1	0	0	
859	943.982	M-07	1519	0.8150	0.700	0.2294	27.7	62.7	0.007	5	3	1	Popping
860	944.363	M-07	1518	0.0850	0.700	0.2409	28.7	64.6	0.009	0	0	0	
861	944.745	M-07	1517	0.1190	0.700	0.2494	29.0	62.5	0.005	2	0	0	
862	945.128	M-07	1516	0.0920	0.700	0.2382	28.0	62.3	0.008	0	0	0	
863	945.510	M-07	1515	0.2450	0.700	0.2435	27.1	64.4	0.003	2	0	0	
864	945.893	M-07	1514	0.1200	0.700	0.2495	27.6	63.9	0.007	2	0	0	
865	946.276	M-07	1513	0.3150	0.700	0.2431	28.5	64.0	0.005	2	0	0	
866	946.659	M-07	1512	0.2360	0.700	0.2439	28.3	64.3	0.002	2	0	0	
867	947.043	M-07	1511	2.2010	0.710	0.2191	33.7	65.7	0.002	5	2	1	Noise
868	947.427	M-07	1510	0.8780	0.710	0.2479	28.8	62.3	0.006	1	0	0	
869	947.812	M-07	1509	0.1350	0.710	0.2475	27.6	65.1	0.010	1	0	0	
870	948.196	M-07	1508	0.1340	0.710	0.2475	26.3	64.6	0.012	1	0	0	
871	948.581	M-07	1507	0.1580	0.710	0.2444	27.3	64.0	0.009	1	0	0	
872	948.967	M-07	1506	0.1020	0.710	0.2478	28.9	65.1	0.003	0	0	0	
873	949.352	M-07	1505	0.1290	0.710	0.2549	28.9	64.6	0.007	1	0	0	
874	949.738	M-07	1504	0.0880	0.710	0.2491	28.3	64.6	0.006	0	0	0	
875	950.125	M-07	1503	9.6010	0.710	0.2397	28.5	67.4	0.002	3	2	1	Noise
876	950.511	M-07	1502	2.9170	0.710	0.2513	29.9	66.6	0.002	4	2	1	Noise
877	950.898	M-07	1501	0.1230	0.710	0.2532	28.8	65.3	0.005	2	0	0	
878	951.285	M-07	1500	4.6040	0.710	0.2514	27.8	66.3	0.007	5	2	1	Noise
879	951.673	M-07	1499	0.1300	0.710	0.2604	28.7	66.7	0.002	1	3	1	Popping
880	952.061	M-07	1498	0.4940	0.710	0.2555	28.8	64.7	0.002	5	0	1	Poor SRF
881	952.449	M-07	1497	0.1360	0.710	0.2571	28.2	66.6	0.003	1	0	0	
882	952.838	M-07	1496	0.1320	0.710	0.2576	28.3	68.2	0.009	1	0	0	
883	953.226	M-07	1495	0.9600	0.710	0.2586	29.5	69.1	0.010	4	0	0	
884	953.616	M-07	1494	1.4270	0.720	0.2539	29.3	70.4	0.008	2	0	0	
885	954.005	M-07	1493	1.6490	0.720	0.2515	26.7	69.6	0.005	3	0	1	Bad SRF
886	954.395	M-07	1492	0.1380	0.720	0.3581	-320.0	-80.0	0.006	1	0	1	Spatial
887	954.785	M-07	1491	2.5860	0.720	0.2566	26.8	69.3	0.007	3	2	1	Noise
888	955.176	M-07	1490	0.1160	0.720	0.2631	26.6	68.4	0.007	2	0	0	
889	955.566	M-07	1489	4.3090	0.720	0.2572	26.7	68.2	0.008	4	2	1	Noise
890	955.957	M-07	1488	0.0890	0.720	0.2599	28.8	68.9	0.008	0	3	1	Popping
891	956.349	M-07	1487	0.2730	0.720	0.2624	29.8	68.4	0.006	5	0	0	
892	956.741	M-07	1486	5.1890	0.720	0.2661	29.4	68.5	0.005	5	2	1	Noise
893	957.133	M-07	1485	0.0870	0.720	0.2632	28.4	69.1	0.005	0	0	0	

894	957.525	M-07	1484	1.3550	0.720	0.2594	28.6	68.9	0.005	3	1	1	Bad SRF
895	957.918	M-07	1483	0.1320	0.720	0.2698	29.8	70.1	0.006	1	0	0	
896	958.311	M-07	1482	0.1240	0.720	0.2706	28.5	70.7	0.007	0	0	0	
897	958.704	M-07	1481	0.1340	0.720	0.2675	26.2	71.2	0.009	1	0	0	
898	959.098	M-07	1480	0.1930	0.720	0.2692	25.0	70.4	0.009	2	0	0	
899	959.492	M-07	1479	1.6420	0.720	0.2676	25.9	70.0	0.011	3	0	1	Bad SRF
900	959.887	M-07	1478	0.1170	0.720	0.2645	28.3	69.4	0.008	2	0	0	
901	960.281	M-07	1477	9.9999	0.730	0.3581	-320.0	-80.0	0.009	5	2	1	Noise
902	960.676	M-07	1476	0.1200	0.730	0.2686	27.0	69.6	0.009	2	0	0	
903	961.072	M-07	1475	0.1160	0.730	0.2741	29.0	70.7	0.007	2	0	0	
904	961.468	M-07	1474	0.1150	0.730	0.2761	31.9	69.6	0.006	2	0	0	
905	961.864	M-07	1473	0.1450	0.730	0.2747	30.5	69.3	0.007	1	0	0	
906	962.260	M-07	1472	1.9330	0.730	0.2729	27.8	69.5	0.006	4	0	1	Poor SRF
907	962.657	M-07	1471	9.9999	0.730	0.2747	26.8	69.7	0.006	5	2	1	Noise
908	963.054	M-07	1470	0.1210	0.730	0.2745	27.3	69.8	0.005	2	0	0	
909	963.451	M-07	1469	0.0870	0.730	0.2798	28.8	70.0	0.005	0	0	0	
910	963.849	M-07	1468	0.1150	0.730	0.2813	29.5	68.3	0.006	2	0	0	
911	964.247	M-07	1467	0.4940	0.730	0.2811	29.5	68.7	0.006	3	0	0	
912	964.645	M-07	1466	6.3720	0.730	0.2834	30.3	69.5	0.006	4	2	1	Noise
913	965.044	M-07	1465	0.1390	0.730	0.2895	30.2	70.3	0.006	1	0	0	
914	965.443	M-07	1464	0.1300	0.730	0.2869	28.6	71.1	0.007	2	0	0	
915	965.842	M-07	1463	1.5360	0.730	0.2880	29.0	70.9	0.008	5	0	1	Bad SRF
916	966.242	M-07	1462	0.1280	0.730	0.2892	29.8	68.9	0.008	1	0	0	
917	966.642	M-07	1461	0.1120	0.740	0.2869	29.8	67.3	0.011	2	0	0	
918	967.042	M-07	1460	0.1320	0.740	0.2912	30.0	68.8	0.010	1	0	0	
919	967.443	M-07	1459	2.8180	0.740	0.2933	30.2	69.2	0.006	4	2	1	Noise
920	967.844	M-07	1458	0.2270	0.740	0.2920	28.9	69.4	0.008	5	0	1	Poor SRF
921	968.245	M-07	1457	0.2300	0.740	0.2983	28.6	69.4	0.005	2	0	0	
922	968.647	M-07	1456	2.0500	0.740	0.2943	28.9	68.6	0.005	3	2	1	Noise
923	969.049	M-07	1455	3.3480	0.740	0.2953	29.6	69.3	0.006	2	2	1	Noise
924	969.451	M-07	1454	0.1090	0.740	0.2913	30.0	68.3	0.005	2	0	0	
925	969.854	M-07	1453	0.4470	0.740	0.2990	30.2	69.5	0.008	2	0	0	
926	970.257	M-07	1452	0.1240	0.740	0.3023	29.4	70.8	0.011	1	0	0	
927	970.661	M-07	1451	0.1250	0.740	0.3581	-320.0	-80.0	0.011	1	0	1	Spatial
928	971.064	M-07	1450	0.1140	0.740	0.3023	28.5	71.4	0.009	2	0	0	
929	971.468	M-07	1449	0.0830	0.740	0.3043	28.8	72.1	0.008	0	0	0	
930	971.873	M-07	1448	0.1370	0.740	0.3008	27.9	71.6	0.009	2	0	0	
931	972.278	M-07	1447	0.2600	0.740	0.2964	29.0	71.9	0.007	5	0	0	
932	972.683	M-07	1446	0.0870	0.740	0.3008	30.3	72.5	0.009	0	0	0	
933	973.088	M-07	1445	0.1260	0.750	0.2993	30.3	72.9	0.013	2	0	0	
934	973.494	M-07	1444	0.8940	0.750	0.2939	28.8	74.8	0.010	4	0	0	
935	973.900	M-07	1443	0.1120	0.750	0.2823	25.8	74.4	0.009	2	0	0	
936	974.306	M-07	1442	0.1080	0.750	0.2805	26.7	76.5	0.012	2	0	0	
937	973.831	M-06	1441	2.1510	0.760	0.2845	32.7	54.9	0.009	4	2	1	Noise
938	974.237	M-06	1440	0.1280	0.760	0.2208	34.0	18.2	0.012	2	0	0	
939	974.644	M-06	1439	0.3260	0.760	0.2896	29.2	57.1	0.011	4	1	1	Poor SRF
940	975.051	M-06	1438	0.3140	0.760	0.2459	33.7	28.0	0.010	5	1	1	Poor SRF
941	975.459	M-06	1437	0.1340	0.760	0.2713	34.1	52.4	0.017	2	0	0	
942	975.866	M-06	1436	0.5930	0.760	0.2919	30.9	59.0	0.018	4	0	1	Bad SRF
943	976.275	M-06	1435	1.2120	0.760	0.1938	37.0	-12.9	0.016	5	1	1	Poor SRF
944	976.683	M-06	1434	0.0850	0.760	0.2416	34.6	34.3	0.011	0	0	0	
945	977.092	M-06	1433	0.2850	0.760	0.2956	28.1	61.6	0.014	1	0	1	Poor SRF
946	977.501	M-06	1432	0.0960	0.760	0.2415	32.6	26.4	0.015	0	0	0	
947	977.911	M-06	1431	9.9999	0.770	0.3581	-320.0	-80.0	0.015	6	2	1	Noise
948	978.320	M-06	1430	0.1240	0.770	0.2577	32.5	46.2	0.016	1	0	0	
949	978.731	M-06	1429	0.6030	0.770	0.3154	31.6	63.4	0.021	4	1	1	Poor SRF
950	979.141	M-06	1428	0.0910	0.770	0.2589	34.5	47.7	0.021	0	0	0	
951	979.552	M-06	1427	0.1220	0.770	0.2236	35.5	25.7	0.014	2	0	0	
952	979.963	M-06	1426	0.3970	0.770	0.3138	31.8	66.3	0.016	5	0	1	Poor SRF
953	980.375	M-06	1425	0.1230	0.770	0.3027	31.9	68.0	0.021	1	0	0	
954	980.787	M-06	1424	0.9880	0.770	0.0283	37.1	9.9	0.022	5	0	1	Poor SRF
955	981.199	M-06	1423	0.1100	0.770	0.2621	32.4	44.8	0.023	0	0	0	
956	981.611	M-06	1422	2.1400	0.770	0.3016	32.6	71.7	0.026	4	2	1	Noise

957	982.024	M-06	1421	9.9999	0.770	0.1993	37.6	11.8	0.026	5	3	1	Popping
958	982.438	M-06	1420	0.1810	0.770	0.3221	30.8	72.0	0.020	1	0	0	
959	982.851	M-06	1419	0.1120	0.770	0.2558	35.2	49.5	0.021	2	0	0	
960	983.265	M-06	1418	0.1290	0.770	0.2798	31.7	66.4	0.029	1	0	0	
961	983.679	M-06	1417	0.1850	0.770	0.2050	38.1	11.3	0.029	2	0	0	
962	984.094	M-06	1416	9.9999	0.780	0.3581	-320.0	-80.0	0.029	6	2	1	Noise
963	984.509	M-06	1415	0.0800	0.780	0.2662	31.9	61.8	0.037	0	0	0	
964	984.924	M-06	1414	0.0930	0.780	0.3112	30.6	72.5	0.033	0	0	0	
965	985.340	M-06	1413	9.9999	0.780	0.0023	29.5	70.6	0.024	6	2	1	Noise
966	985.756	M-06	1412	0.3840	0.780	0.2007	39.3	17.6	0.034	2	0	0	
967	986.173	M-06	1411	0.1240	0.780	0.3224	29.4	78.6	0.035	1	0	0	
968	986.589	M-06	1410	0.0950	0.780	0.2332	35.4	35.8	0.034	2	0	0	
969	987.006	M-06	1409	0.1290	0.780	0.2868	30.0	81.9	0.037	1	0	0	
970	987.424	M-06	1408	0.7480	0.780	0.3204	29.8	79.8	0.040	1	0	1	Poor SRF
971	987.842	M-06	1407	0.1330	0.780	0.3071	33.7	80.3	0.036	1	0	0	
972	988.260	M-06	1406	0.1150	0.780	0.2370	36.5	46.5	0.032	2	0	0	
973	988.678	M-06	1405	0.1620	0.780	0.3070	31.3	74.1	0.038	1	0	0	
974	989.097	M-06	1404	5.6070	0.780	0.3092	31.9	80.0	0.046	4	2	1	Noise
975	989.516	M-06	1403	9.9999	0.780	0.0022	32.0	67.5	0.041	4	2	1	Noise
976	989.936	M-06	1402	0.1320	0.790	0.3198	28.5	77.8	0.047	1	0	0	
977	990.356	M-06	1401	0.1220	0.790	0.2728	33.6	58.4	0.052	1	0	0	
978	990.776	M-06	1400	0.1120	0.790	0.2034	37.9	8.8	0.038	2	0	0	
979	991.196	M-06	1399	0.1130	0.790	0.2068	38.7	5.1	0.039	2	0	1	Poor SRF
980	991.617	M-06	1398	0.1950	0.790	0.3093	34.2	77.6	0.043	5	0	0	
981	992.039	M-06	1397	9.9999	0.790	0.0046	30.8	66.4	0.044	4	2	1	Noise
982	992.460	M-06	1396	0.0770	0.790	0.2806	32.9	58.3	0.047	0	0	0	
983	992.882	M-06	1395	0.1320	0.790	0.2613	35.1	48.8	0.046	2	0	0	
984	993.305	M-06	1394	0.1140	0.790	0.2035	39.7	6.5	0.043	2	0	0	
985	993.727	M-06	1393	0.0850	0.790	0.3117	31.8	70.0	0.040	2	0	0	
986	994.150	M-06	1392	0.0800	0.790	0.2770	33.9	54.7	0.043	0	0	0	
987	994.574	M-06	1391	0.0770	0.790	0.2687	31.9	56.6	0.042	0	0	0	
988	994.998	M-06	1390	0.1230	0.790	0.2964	30.8	62.8	0.045	0	0	0	
989	995.422	M-06	1389	0.1140	0.790	0.2479	34.3	35.1	0.045	2	0	0	
990	995.846	M-06	1388	9.9999	0.800	0.0032	24.1	85.1	0.044	4	2	1	Noise
991	996.271	M-06	1387	0.1650	0.800	0.2413	35.8	25.1	0.044	2	0	0	
992	996.696	M-06	1386	0.0970	0.800	0.2522	35.9	34.7	0.047	0	0	0	
993	997.122	M-06	1385	0.1840	0.800	0.2809	30.7	62.5	0.052	0	0	0	
994	997.548	M-06	1384	0.1340	0.800	0.3261	30.9	73.6	0.039	1	0	0	
995	997.974	M-06	1383	0.2630	0.800	0.2241	38.9	14.1	0.053	0	0	0	
996	998.401	M-06	1382	0.0830	0.800	0.3018	31.5	69.0	0.053	0	0	0	
997	998.828	M-06	1381	0.0820	0.800	0.2755	32.6	45.5	0.035	2	0	0	
998	999.255	M-06	1380	0.1230	0.800	0.2682	33.6	46.6	0.051	0	0	0	
999	999.683	M-06	1379	0.0790	0.800	0.2648	33.0	48.8	0.060	0	0	0	
1000	1000.111	M-06	1378	0.1270	0.800	0.3323	31.5	76.5	0.046	1	0	0	
1001	1000.539	M-06	1377	0.1220	0.800	0.2727	35.3	47.7	0.054	0	0	0	
1002	1000.968	M-06	1376	0.0770	0.800	0.2805	33.1	58.1	0.053	0	0	0	
1003	1001.397	M-06	1375	0.1330	0.800	0.3044	32.9	65.0	0.044	0	0	0	
1004	1001.827	M-06	1374	0.0750	0.800	0.2730	35.7	50.6	0.065	0	0	0	
1005	1002.257	M-06	1373	0.1110	0.810	0.2714	33.6	53.7	0.068	2	0	0	
1006	1002.687	M-06	1372	0.1040	0.810	0.2802	33.5	53.7	0.056	0	0	0	
1007	1003.118	M-06	1371	0.1200	0.810	0.2273	38.8	11.2	0.059	4	1	1	Poor SRF
1008	1003.549	M-06	1370	0.1090	0.810	0.2233	40.1	12.8	0.051	2	0	0	
1009	1003.980	M-06	1369	0.1070	0.810	0.2862	35.1	55.3	0.050	2	0	0	
1010	1004.412	M-06	1368	0.0970	0.810	0.3193	32.9	86.2	0.059	1	0	0	
1011	1004.844	M-06	1367	0.0850	0.810	0.2872	32.8	67.2	0.061	0	0	0	
1012	1005.276	M-06	1366	0.0810	0.810	0.2970	34.0	65.7	0.058	0	0	0	
1013	1005.709	M-06	1365	0.0790	0.810	0.2484	38.3	39.6	0.055	0	0	0	
1014	1006.142	M-06	1364	0.1640	0.810	0.2229	40.5	17.1	0.046	4	1	0	
1015	1006.576	M-06	1363	0.1170	0.810	0.2276	41.1	14.0	0.056	2	0	0	
1016	1007.009	M-06	1362	0.1660	0.810	0.2838	35.6	69.1	0.071	2	0	0	
1017	1007.444	M-06	1361	0.1070	0.810	0.2626	36.0	53.0	0.062	2	0	0	
1018	1007.878	M-06	1360	0.0720	0.810	0.3002	35.9	68.4	0.053	0	0	0	
1019	1008.313	M-06	1359	0.1170	0.810	0.3050	34.0	85.3	0.058	1	0	0	

1020	1008.749	M-06	1358	0.0880	0.820	0.2777	34.5	62.7	0.067	0	0	0	
1021	1009.184	M-06	1357	9.9999	0.820	0.3307	33.9	90.5	0.075	4	2	1	Noise
1022	1009.621	M-06	1356	0.1080	0.820	0.2258	39.8	21.5	0.074	2	0	0	
1023	1010.057	M-06	1355	0.1790	0.820	0.2178	40.0	20.4	0.068	2	0	0	
1024	1010.494	M-06	1354	0.0860	0.820	0.2782	36.0	62.2	0.059	0	0	0	
1025	1010.931	M-06	1353	0.0780	0.820	0.2700	35.9	63.9	0.074	0	0	0	
1026	1011.369	M-06	1352	0.0810	0.820	0.2951	33.9	71.7	0.067	1	0	0	
1027	1011.807	M-06	1351	0.1030	0.820	0.3012	34.1	77.4	0.066	0	0	0	
1028	1012.245	M-06	1350	0.0980	0.820	0.2812	35.6	72.1	0.056	2	0	0	
1029	1012.684	M-06	1349	0.0740	0.820	0.2817	37.0	62.8	0.044	0	0	0	
1030	1013.123	M-06	1348	0.1180	0.820	0.2864	36.9	70.1	0.049	0	0	0	
1031	1013.562	M-06	1347	0.0780	0.820	0.2718	35.6	64.0	0.055	1	0	0	
1032	1014.002	M-06	1346	0.0900	0.820	0.2945	34.4	70.2	0.058	0	0	0	
1033	1014.442	M-06	1345	0.1100	0.820	0.2260	39.7	19.5	0.067	2	0	0	
1034	1014.883	M-06	1344	0.1210	0.830	0.3186	31.9	92.0	0.059	0	0	0	
1035	1015.324	M-06	1343	0.1330	0.830	0.2279	40.8	16.4	0.055	2	0	0	
1036	1015.765	M-06	1342	0.1070	0.830	0.2814	35.2	70.5	0.056	0	0	0	
1037	1016.207	M-06	1341	0.0800	0.830	0.2694	34.9	64.1	0.051	0	0	0	
1038	1016.649	M-06	1340	0.1150	0.830	0.2787	35.5	60.8	0.052	0	0	0	
1039	1017.091	M-06	1339	0.1210	0.830	0.2733	34.8	70.6	0.042	2	0	0	
1040	1017.534	M-06	1338	0.0870	0.830	0.2677	34.8	61.6	0.052	0	0	0	
1041	1017.977	M-06	1337	0.1410	0.830	0.3077	32.9	81.1	0.059	0	0	0	
1042	1018.421	M-06	1336	0.0940	0.830	0.2741	33.7	69.1	0.052	0	0	0	
1043	1018.865	M-06	1335	0.1140	0.830	0.2224	39.5	18.3	0.050	2	0	0	
1044	1019.309	M-06	1334	0.1240	0.830	0.2855	36.9	68.6	0.044	0	0	0	
1045	1019.754	M-06	1333	0.1240	0.830	0.2940	35.5	85.7	0.044	1	0	0	
1046	1020.199	M-06	1332	0.0780	0.830	0.2874	35.6	71.2	0.046	0	0	0	
1047	1020.645	M-06	1331	0.1230	0.840	0.2795	36.2	70.2	0.058	0	0	0	
1048	1021.090	M-06	1330	0.1110	0.840	0.2408	38.1	45.8	0.059	2	0	0	
1049	1021.537	M-06	1329	0.2470	0.840	0.3169	32.3	91.9	0.057	1	0	0	
1050	1021.983	M-06	1328	0.0870	0.840	0.2652	35.9	65.4	0.059	0	0	0	
1051	1022.430	M-06	1327	0.2630	0.840	0.2218	39.9	29.8	0.063	2	0	0	
1052	1022.878	M-06	1326	0.1610	0.840	0.2202	40.8	27.0	0.061	2	0	0	
1053	1023.325	M-06	1325	0.1190	0.840	0.2210	42.0	31.4	0.070	2	0	0	
1054	1023.774	M-06	1324	0.1950	0.840	0.2148	44.9	31.3	0.070	2	0	0	
1055	1024.222	M-06	1323	0.1320	0.840	0.3097	35.8	101.0	0.083	4	1	0	
1056	1024.671	M-06	1322	0.1010	0.840	0.2564	40.1	72.6	0.082	1	0	0	
1057	1025.120	M-06	1321	0.1370	0.840	0.2905	34.8	97.4	0.082	1	0	0	
1058	1025.570	M-06	1320	0.1190	0.840	0.2473	38.8	65.5	0.092	5	1	0	
1059	1026.020	M-06	1319	0.1370	0.840	0.2664	36.4	92.9	0.085	1	0	0	
1060	1026.471	M-06	1318	0.1240	0.840	0.2556	37.5	79.4	0.096	0	0	0	
1061	1026.921	M-06	1317	0.1270	0.850	0.2590	39.1	88.7	0.093	0	0	0	
1062	1027.373	M-06	1316	0.1210	0.850	0.2178	43.8	52.9	0.100	2	0	0	
1063	1027.824	M-06	1315	0.1940	0.850	0.2545	39.4	95.4	0.099	1	0	1	Poor SRF
1064	1028.276	M-06	1314	0.1210	0.850	0.2079	43.8	43.1	0.100	2	0	0	
1065	1028.729	M-06	1313	0.0970	0.850	0.2346	40.3	92.4	0.110	0	0	0	
1066	1029.181	M-06	1312	9.9999	0.850	0.0030	37.5	109.3	0.110	4	2	1	Noise
1067	1029.634	M-06	1311	0.0910	0.850	0.2025	45.3	52.8	0.109	0	0	0	
1068	1030.088	M-06	1310	0.1260	0.850	0.1926	45.4	55.5	0.100	2	0	1	Poor SRF
1069	1030.542	M-06	1309	0.1100	0.850	0.2236	44.6	93.6	0.107	2	0	0	
1070	1030.996	M-06	1308	0.0890	0.850	0.2196	44.6	104.1	0.109	0	0	0	
1071	1031.451	M-06	1307	0.0860	0.850	0.2219	44.4	109.1	0.090	0	0	0	
1072	1031.906	M-06	1306	0.0900	0.850	0.2288	43.9	119.1	0.078	2	0	0	
1073	1032.362	M-06	1305	0.0900	0.850	0.2095	45.0	110.6	0.079	0	0	1	Poor SRF
1074	1032.818	M-06	1304	0.0900	0.860	0.2124	45.4	115.5	0.079	0	0	0	
1075	1033.274	M-06	1303	0.0890	0.860	0.2068	44.6	114.2	0.075	0	0	0	
1076	1033.730	M-06	1302	0.1430	0.860	0.2213	39.8	149.3	0.068	1	0	1	Poor SRF
1077	1034.188	M-06	1301	0.1410	0.860	0.2023	44.4	119.7	0.063	1	0	0	
1078	1034.645	M-06	1300	0.1010	0.860	0.1974	45.0	118.3	0.069	0	0	0	
1079	1035.103	M-06	1299	0.1330	0.860	0.1973	43.1	132.5	0.055	0	0	0	
1080	1035.561	M-06	1298	0.1310	0.860	0.1756	47.0	89.5	0.043	0	0	0	
1081	1036.020	M-06	1297	0.0970	0.860	0.1828	45.3	121.2	0.052	2	0	0	
1082	1036.479	M-06	1296	0.1290	0.860	0.1912	44.8	133.6	0.057	1	0	0	

1083	1036.938	M-06	1295	0.1330	0.860	0.1823	46.2	122.2	0.049	2	0	0	
1084	1037.398	M-06	1294	0.0910	0.860	0.1755	45.9	112.2	0.049	0	0	0	
1085	1037.858	M-06	1293	0.1400	0.860	0.1619	47.8	80.4	0.050	2	0	0	
1086	1038.319	M-06	1292	0.0930	0.860	0.1753	48.7	121.9	0.053	0	0	0	
1087	1038.780	M-06	1291	0.1520	0.870	0.1862	43.2	155.1	0.053	1	0	0	
1088	1039.241	M-06	1290	0.1320	0.870	0.1706	43.2	112.0	0.062	0	0	0	
1089	1039.703	M-06	1289	0.1100	0.870	0.1684	45.9	127.9	0.062	0	0	0	
1090	1040.165	M-06	1288	0.0970	0.870	0.1689	47.9	129.1	0.076	1	0	0	
1091	1040.628	M-06	1287	0.1340	0.870	0.1660	44.3	121.0	0.089	0	0	1	Poor SRF
1092	1041.091	M-06	1286	0.1510	0.870	0.1652	41.0	135.6	0.102	1	0	0	
1093	1041.554	M-06	1285	0.7440	0.870	0.1700	42.5	150.6	0.138	1	0	0	
1094	1042.018	M-06	1284	0.1000	0.870	0.1549	43.7	110.3	0.124	0	0	1	Poor SRF
1095	1042.482	M-06	1283	1.7760	0.870	0.1478	42.3	86.7	0.047	2	0	0	
1096	1042.947	M-06	1282	0.1930	0.870	0.1571	41.5	126.2	0.036	0	0	0	
1097	1043.412	M-06	1281	0.1030	0.870	0.1516	41.5	118.5	0.035	0	0	0	
1098	1043.877	M-06	1280	0.1070	0.870	0.1557	41.6	131.1	0.041	0	0	0	
1099	1044.343	M-06	1279	0.1560	0.880	0.1548	42.2	144.6	0.070	1	0	0	
1100	1044.809	M-06	1278	0.0940	0.880	0.1448	41.5	108.2	0.097	0	0	0	
1101	1045.276	M-06	1277	0.1710	0.880	0.1391	42.6	96.7	0.082	2	0	0	
1102	1045.743	M-06	1276	0.1540	0.880	0.1440	43.5	146.3	0.098	1	0	1	Poor SRF
1103	1046.210	M-06	1275	0.1000	0.880	0.1374	42.5	126.1	0.110	0	0	0	
1104	1056.119	M-05	1274	0.1540	0.900	0.3221	26.7	36.5	0.098	2	0	0	
1105	1056.594	M-05	1273	0.1750	0.900	0.3119	28.5	6.3	0.089	2	0	0	
1106	1057.071	M-05	1272	0.1290	0.900	0.3281	27.4	40.4	0.094	0	0	0	
1107	1057.547	M-05	1271	0.1600	0.900	0.3171	27.0	41.6	0.103	2	0	0	
1108	1058.024	M-05	1270	0.1280	0.900	0.3256	25.6	45.1	0.104	0	0	0	
1109	1058.502	M-05	1269	9.9999	0.900	0.0055	18.8	132.3	0.085	4	2	1	Noise
1110	1058.980	M-05	1268	0.1570	0.900	0.3163	27.2	29.6	0.062	2	0	0	
1111	1059.458	M-05	1267	0.2450	0.910	0.3535	17.5	106.5	0.056	1	0	0	
1112	1059.937	M-05	1266	0.1290	0.910	0.3189	26.3	46.0	0.058	1	0	0	
1113	1060.416	M-05	1265	0.1230	0.910	0.3228	23.6	52.0	0.068	0	0	0	
1114	1060.896	M-05	1264	0.1560	0.910	0.3134	36.6	-2.0	0.065	2	0	0	
1115	1061.376	M-05	1263	0.2310	0.910	0.3405	21.5	94.2	0.070	1	0	0	
1116	1061.856	M-05	1262	0.1710	0.910	0.3501	20.1	83.7	0.071	1	0	0	
1117	1062.337	M-05	1261	0.1210	0.910	0.3330	26.9	51.2	0.091	0	0	0	
1118	1062.818	M-05	1260	0.1200	0.910	0.3264	24.8	54.7	0.109	0	0	0	
1119	1063.300	M-05	1259	0.1200	0.910	0.3412	28.6	54.9	0.104	0	0	0	
1120	1063.782	M-05	1258	0.5080	0.910	0.3099	38.2	7.3	0.102	2	0	0	
1121	1064.264	M-05	1257	0.1210	0.910	0.3330	26.0	57.5	0.096	2	0	0	
1122	1064.747	M-05	1256	0.1460	0.910	0.3360	30.7	40.5	0.086	2	0	0	
1123	1065.230	M-05	1255	0.1140	0.920	0.3311	26.5	59.2	0.076	0	0	0	
1124	1065.714	M-05	1254	0.1180	0.920	0.3450	27.0	59.9	0.109	0	0	0	
1125	1066.198	M-05	1253	9.9999	0.920	0.5714	30.7	58.5	0.121	5	2	1	Noise
1126	1066.683	M-05	1252	0.1480	0.920	0.3298	32.4	48.4	0.076	1	0	0	
1127	1067.168	M-05	1251	0.1130	0.920	0.3441	35.2	47.2	0.060	0	0	0	
1128	1067.653	M-05	1250	0.1420	0.920	0.3345	32.4	50.2	0.048	2	0	1	Poor SRF
1129	1068.139	M-05	1249	0.1100	0.920	0.3255	38.8	18.2	0.032	0	0	0	
1130	1068.625	M-05	1248	0.1110	0.920	0.3389	36.5	50.4	0.028	0	0	0	
1131	1069.112	M-05	1247	0.1130	0.920	0.3337	32.9	54.2	0.027	0	0	0	
1132	1069.599	M-05	1246	0.1310	0.920	0.3415	34.0	53.7	0.037	2	0	0	
1133	1070.086	M-05	1245	0.1110	0.920	0.3404	33.7	68.9	0.032	0	0	0	
1134	1070.574	M-05	1244	0.1440	0.930	0.3330	33.5	57.7	0.028	0	0	0	
1135	1071.062	M-05	1243	0.1180	0.930	0.3432	32.5	71.7	0.024	2	0	0	
1136	1071.551	M-05	1242	0.1310	0.930	0.3405	27.7	100.2	0.021	0	0	0	
1137	1072.040	M-05	1241	0.1130	0.930	0.3350	32.7	73.3	0.022	0	0	0	
1138	1072.530	M-05	1240	0.1490	0.930	0.3177	31.8	56.2	0.023	2	0	0	
1139	1073.020	M-05	1239	0.1200	0.930	0.3073	27.9	75.7	0.021	0	0	0	
1140	1073.510	M-05	1238	0.1260	0.930	0.3434	31.1	124.7	0.015	0	0	0	
1141	1074.001	M-05	1237	0.1760	0.930	0.3079	39.7	76.5	0.017	2	0	0	
1142	1074.493	M-05	1236	0.1230	0.930	0.3211	35.5	63.0	0.055	0	0	0	
1143	1074.984	M-05	1235	0.1190	0.930	0.3074	35.7	74.6	0.038	0	0	0	
1144	1075.476	M-05	1234	0.1600	0.930	0.2765	46.1	17.5	0.012	2	0	0	
1145	1075.969	M-05	1233	0.1310	0.940	0.3097	36.2	77.0	0.015	0	0	0	

1146	1076.462	M-05	1232	0.1650	0.940	0.2939	37.0	75.5	0.011	2	0	0	
1147	1076.955	M-05	1231	0.1210	0.940	0.3048	33.7	79.5	0.012	0	0	0	
1148	1077.449	M-05	1230	1.8530	0.940	0.3110	32.9	88.4	0.014	5	0	1	Poor SRF
1149	1077.944	M-05	1229	0.2470	0.940	0.2705	45.2	17.9	0.007	5	1	1	Poor SRF
1150	1078.438	M-05	1228	0.1240	0.940	0.2944	37.8	62.3	0.016	0	0	0	
1151	1078.933	M-05	1227	0.1260	0.940	0.2843	39.3	64.0	0.012	0	0	0	
1152	1079.429	M-05	1226	0.1250	0.940	0.2936	34.7	79.2	0.010	0	0	0	
1153	1079.925	M-05	1225	0.1360	0.940	0.3172	28.3	126.2	0.012	0	0	0	
1154	1080.421	M-05	1224	0.2260	0.940	0.3012	30.4	107.4	0.008	1	0	0	
1155	1080.918	M-05	1223	0.2390	0.940	0.3316	29.8	128.6	0.017	1	0	0	
1156	1081.416	M-05	1222	0.2240	0.940	0.2817	44.7	52.8	0.017	0	0	0	
1157	1081.913	M-05	1221	0.2610	0.950	0.2865	42.3	54.4	0.009	1	0	0	
1158	1082.411	M-05	1220	0.2230	0.950	0.3263	29.6	125.8	0.009	1	0	0	
1159	1082.910	M-05	1219	0.1230	0.950	0.2932	36.5	81.9	0.006	0	0	0	
1160	1083.409	M-05	1218	0.1690	0.950	0.2701	48.2	19.0	0.009	2	0	0	
1161	1083.909	M-05	1217	0.1690	0.950	0.2829	40.4	65.9	0.006	0	0	0	
1162	1084.408	M-05	1216	0.1300	0.950	0.2953	36.1	82.9	0.007	0	0	0	
1163	1084.909	M-05	1215	0.1270	0.950	0.3009	39.5	79.8	0.011	0	0	0	
1164	1085.410	M-05	1214	0.1270	0.950	0.2859	40.0	68.1	0.015	0	0	0	
1165	1085.911	M-05	1213	0.1730	0.950	0.2743	48.1	19.3	0.011	2	0	0	
1166	1086.412	M-05	1212	0.4200	0.950	0.3148	32.5	117.1	0.005	4	0	0	
1167	1086.915	M-05	1211	0.2290	0.950	0.2952	36.4	82.8	0.008	0	0	1	Poor SRF
1168	1087.417	M-05	1210	0.2320	0.960	0.3248	31.6	117.4	0.009	1	0	0	
1169	1087.920	M-05	1209	0.1700	0.960	0.2656	45.5	42.1	0.012	2	0	0	
1170	1088.423	M-05	1208	0.1320	0.960	0.2911	39.3	68.4	0.008	0	0	0	
1171	1088.927	M-05	1207	0.1270	0.960	0.2948	38.7	80.2	0.005	2	0	0	
1172	1089.431	M-05	1206	0.1310	0.960	0.2874	37.5	82.3	0.006	0	0	0	
1173	1089.936	M-05	1205	1.1250	0.960	0.2660	50.6	22.6	0.007	2	1	0	
1174	1090.441	M-05	1204	0.1290	0.960	0.2880	38.4	82.3	0.016	0	0	0	
1175	1090.947	M-05	1203	0.1270	0.960	0.2995	37.9	82.2	0.022	0	0	0	
1176	1091.453	M-05	1202	0.1710	0.960	0.2957	40.7	80.5	0.022	0	0	0	
1177	1091.959	M-05	1201	0.1710	0.960	0.3013	34.4	96.4	0.012	0	0	0	
1178	1092.466	M-05	1200	0.1300	0.960	0.2898	41.3	68.5	0.007	0	0	0	
1179	1092.974	M-05	1199	0.2340	0.970	0.3163	28.1	127.0	0.005	1	0	0	
1180	1093.482	M-05	1198	0.1310	0.970	0.2965	38.7	82.8	0.005	0	0	0	
1181	1093.990	M-05	1197	0.1810	0.970	0.2870	40.3	82.1	0.006	0	0	0	
1182	1094.499	M-05	1196	0.1370	0.970	0.2769	40.3	72.0	0.007	0	0	0	
1183	1095.008	M-05	1195	0.2350	0.970	0.3096	35.3	106.2	0.008	0	0	0	
1184	1095.517	M-05	1194	0.1810	0.970	0.2691	45.1	58.4	0.005	2	0	0	
1185	1096.027	M-05	1193	0.2380	0.970	0.2842	42.1	71.1	0.004	1	0	0	
1186	1096.538	M-05	1192	0.1850	0.970	0.2820	41.2	83.6	0.005	0	0	0	
1187	1097.049	M-05	1191	0.1340	0.970	0.2847	39.6	87.0	0.005	0	0	0	
1188	1097.560	M-05	1190	0.1350	0.970	0.2862	42.4	84.5	0.005	0	0	0	
1189	1098.072	M-05	1189	0.1450	0.970	0.2781	39.8	87.6	0.006	0	0	0	
1190	1098.584	M-05	1188	0.2700	0.980	0.2990	33.7	109.4	0.006	1	0	0	
1191	1099.097	M-05	1187	0.1910	0.980	0.2512	52.3	33.0	0.018	4	0	0	
1192	1099.610	M-05	1186	0.3590	0.980	0.2592	44.7	62.4	0.022	1	3	1	Popping
1193	1100.124	M-05	1185	1.8170	0.980	0.2757	42.5	85.0	0.021	5	0	1	Bad SRF
1194	1100.638	M-05	1184	0.1410	0.980	0.2707	40.5	88.5	0.012	0	0	0	
1195	1101.152	M-05	1183	0.2510	0.980	0.3048	32.4	130.0	0.030	1	0	0	
1196	1101.667	M-05	1182	0.1970	0.980	0.2409	54.2	34.0	0.052	2	0	0	
1197	1102.183	M-05	1181	0.2070	0.980	0.2726	40.4	89.4	0.014	2	0	0	
1198	1102.699	M-05	1180	0.2920	0.980	0.2429	53.3	32.4	0.005	2	0	1	Poor SRF
1199	1103.215	M-05	1179	0.2010	0.980	0.2620	39.7	88.3	0.004	2	0	0	
1200	1103.732	M-05	1178	0.1750	0.980	0.2787	38.0	109.2	0.005	0	0	0	
1201	1104.249	M-05	1177	0.1500	0.990	0.2561	44.2	87.6	0.005	0	0	0	
1202	1104.767	M-05	1176	0.1500	0.990	0.2600	41.3	90.5	0.004	0	0	0	
1203	1105.285	M-05	1175	2.1070	0.990	0.0664	54.4	37.9	0.006	5	2	1	Noise
1204	1105.804	M-05	1174	0.2690	0.990	0.2499	40.2	90.5	0.010	1	0	0	
1205	1106.323	M-05	1173	0.2220	0.990	0.2758	35.4	122.1	0.021	2	0	0	
1206	1106.842	M-05	1172	0.1570	0.990	0.2437	42.4	90.6	0.022	0	0	0	
1207	1107.362	M-05	1171	0.2920	0.990	0.2742	30.8	132.7	0.047	1	0	0	
1208	1107.883	M-05	1170	9.9999	0.990	0.2225	54.1	34.3	0.009	2	2	1	Noise

1209	1108.404	M-05	1169	0.2820	0.990	0.2428	42.3	89.8	0.006	1	0	0	
1210	1108.925	M-05	1168	9.9999	0.990	0.1974	56.6	35.3	0.006	5	2	1	Noise
1211	1109.447	M-05	1167	0.2210	1.000	0.2388	43.0	88.2	0.006	2	0	0	
1212	1109.969	M-05	1166	0.2420	1.000	0.2395	44.6	74.8	0.006	2	0	0	
1213	1110.492	M-05	1165	0.1730	1.000	0.2401	42.5	87.5	0.007	2	0	0	
1214	1111.015	M-05	1164	0.2860	1.000	0.2641	35.0	120.2	0.030	1	0	0	
1215	1111.539	M-05	1163	0.2550	1.000	0.2412	44.0	86.3	0.028	2	0	0	
1216	1112.063	M-05	1162	2.1260	1.000	0.2193	49.7	51.7	0.019	5	2	1	Noise
1217	1112.588	M-05	1161	0.2940	1.000	0.2413	43.1	87.0	0.009	0	1	0	
1218	1113.113	M-05	1160	0.1650	1.000	0.2356	42.1	89.5	0.010	0	0	0	
1219	1113.638	M-05	1159	0.1680	1.000	0.2401	41.5	89.5	0.008	0	0	0	
1220	1114.164	M-05	1158	0.2400	1.000	0.2343	43.3	88.2	0.007	2	0	0	
1221	1114.691	M-05	1157	0.1740	1.000	0.2368	43.1	91.3	0.009	0	0	0	
1222	1115.218	M-05	1156	0.2330	1.010	0.2161	55.4	39.5	0.012	2	0	1	Poor SRF
1223	1115.745	M-05	1155	0.2390	1.010	0.2104	54.4	41.6	0.007	2	0	0	
1224	1116.273	M-05	1154	0.2420	1.010	0.2072	55.8	40.7	0.007	2	0	1	Poor SRF
1225	1116.801	M-05	1153	0.2460	1.010	0.4027	46.4	96.4	0.014	1	0	1	Poor SRF
1226	1117.330	M-05	1152	0.2090	1.010	0.1993	59.3	45.7	0.018	2	0	0	
1227	1117.859	M-05	1151	0.2440	1.010	0.2215	51.1	98.5	0.017	2	0	0	
1228	1118.389	M-05	1150	0.2560	1.010	0.1976	58.6	52.2	0.011	2	0	0	
1229	1118.919	M-05	1149	0.2530	1.010	0.1995	59.1	55.0	0.014	2	0	0	
1230	1119.450	M-05	1148	0.2660	1.010	0.2102	50.2	106.3	0.014	0	0	0	
1231	1119.981	M-05	1147	0.3420	1.010	0.2252	43.2	151.8	0.010	1	0	0	
1232	1120.513	M-05	1146	0.3220	1.020	0.2114	45.9	142.5	0.068	1	0	0	
1233	1121.045	M-05	1145	0.3260	1.020	0.2179	43.8	159.4	0.069	1	0	0	
1234	1121.577	M-05	1144	0.1880	1.020	0.1974	54.1	115.6	0.039	0	0	0	
1235	1122.110	M-05	1143	0.3350	1.020	0.2041	46.3	163.3	0.018	1	0	0	
1236	1122.644	M-05	1142	0.1930	1.020	0.1920	55.6	123.0	0.014	0	0	0	
1237	1123.178	M-05	1141	0.2940	1.020	0.1858	54.9	124.6	0.007	2	0	0	
1238	1123.712	M-05	1140	0.2710	1.020	0.1723	65.4	79.3	0.012	2	0	0	
1239	1124.247	M-05	1139	0.2390	1.020	0.1771	59.8	116.3	0.014	2	0	0	
1240	1124.783	M-05	1138	9.9999	1.020	0.0286	41.2	209.1	0.009	6	2	1	Noise
1241	1125.319	M-05	1137	0.2900	1.020	0.1750	59.0	129.7	0.011	2	0	0	
1242	1125.855	M-05	1136	5.8460	1.030	0.1635	62.9	98.9	0.014	4	2	1	Noise
1243	1126.392	M-05	1135	0.3470	1.030	0.1719	56.1	144.5	0.009	1	0	0	
1244	1126.929	M-05	1134	0.3380	1.030	0.1559	63.6	91.7	0.008	2	0	0	
1245	1127.467	M-05	1133	0.2940	1.030	0.1542	64.6	92.8	0.012	2	0	0	
1246	1128.005	M-05	1132	3.6140	1.030	0.1705	54.0	175.8	0.011	4	2	1	Noise
1247	1128.544	M-05	1131	0.2140	1.030	0.1576	57.2	138.3	0.009	0	0	0	
1248	1129.083	M-05	1130	0.3580	1.030	0.1573	52.5	156.9	0.010	1	0	0	
1249	1129.623	M-05	1129	0.2960	1.030	0.1485	56.2	128.6	0.009	2	0	0	
1250	1130.163	M-05	1128	0.3020	1.030	0.1502	56.3	138.7	0.010	2	0	0	
1251	1130.704	M-05	1127	0.2210	1.030	0.1437	55.9	135.6	0.009	2	0	0	
1252	1131.245	M-05	1126	0.3060	1.040	0.1416	57.5	127.5	0.009	2	0	0	
1253	1131.787	M-05	1125	0.2190	1.040	0.1386	58.0	125.4	0.009	2	0	0	
1254	1132.329	M-05	1124	0.3920	1.040	0.1376	55.9	134.9	0.011	1	0	0	
1255	1132.872	M-05	1123	0.3360	1.040	0.1351	59.1	100.2	0.010	2	0	0	
1256	1133.415	M-05	1122	0.3310	1.040	0.1316	56.3	98.8	0.009	2	0	0	
1257	1133.958	M-05	1121	0.2340	1.040	0.1292	52.4	131.7	0.012	0	0	0	
1258	1134.502	M-05	1120	0.3230	1.040	0.1262	54.8	105.9	0.015	2	0	0	
1259	1135.047	M-05	1119	0.2390	1.040	0.1240	51.9	121.5	0.031	0	0	0	
1260	1135.592	M-05	1118	0.2470	1.040	0.1195	49.3	126.7	0.033	0	0	0	
1261	1136.138	M-05	1117	0.2530	1.040	0.1165	49.9	120.0	0.030	0	0	0	
1262	1136.684	M-05	1116	0.3580	1.050	0.1162	53.6	98.4	0.041	2	0	0	
1263	1216.989	M-04d	1115	0.0840	0.950	0.4301	25.6	50.1	0.010	0	0	0	
1264	1217.496	M-04d	1114	0.1300	0.950	0.4299	28.4	47.6	0.017	1	0	0	
1265	1218.004	M-04d	1113	0.0830	0.950	0.4370	28.9	55.9	0.020	0	0	0	
1266	1218.512	M-04d	1112	0.0960	0.960	0.4341	26.0	55.0	0.028	0	0	0	
1267	1219.020	M-04d	1111	0.0830	0.960	0.4355	24.6	61.3	0.020	0	0	0	
1268	1219.529	M-04d	1110	0.0820	0.960	0.4376	26.5	63.5	0.031	0	0	0	
1269	1220.038	M-04d	1109	0.0810	0.960	0.4356	29.3	64.6	0.027	0	0	0	
1270	1220.547	M-04d	1108	0.0810	0.960	0.4384	24.2	66.3	0.021	0	0	0	
1271	1221.057	M-04d	1107	0.0820	0.960	0.4376	24.1	67.4	0.018	0	0	0	

1272	1221.568	M-04d	1106	0.1340	0.960	0.4233	24.6	61.0	0.029	1	0	0	
1273	1222.078	M-04d	1105	0.1300	0.960	0.4352	25.0	59.9	0.042	1	0	0	
1274	1222.590	M-04d	1104	0.1300	0.960	0.4349	27.4	61.3	0.032	1	0	0	
1275	1223.101	M-04d	1103	0.0850	0.960	0.4375	25.8	72.8	0.024	0	0	0	
1276	1223.613	M-04d	1102	0.0840	0.960	0.4401	27.0	72.8	0.025	0	0	0	
1277	1224.126	M-04d	1101	0.0930	0.960	0.4398	25.3	80.8	0.029	2	0	0	
1278	1224.639	M-04d	1100	0.1290	0.960	0.4409	29.2	66.9	0.023	1	0	0	
1279	1225.152	M-04d	1099	0.0910	0.970	0.4438	22.7	72.7	0.022	2	0	0	
1280	1225.666	M-04d	1098	9.9999	0.970	0.3581	-320.0	-80.0	0.029	4	2	1	Noise
1281	1226.180	M-04d	1097	0.0810	0.970	0.4513	29.4	72.3	0.027	0	0	1	Poor SRF
1282	1226.695	M-04d	1096	0.0800	0.970	0.4562	29.6	76.0	0.021	0	0	1	Poor SRF
1283	1227.210	M-04d	1095	0.2210	0.970	0.4026	23.1	83.1	0.018	2	0	1	Poor SRF
1284	1227.725	M-04d	1094	0.1240	0.970	0.4597	27.0	76.7	0.005	1	0	0	
1285	1228.241	M-04d	1093	0.0830	0.970	0.4490	27.5	79.3	0.015	0	0	0	
1286	1228.758	M-04d	1092	0.0880	0.970	0.4622	25.9	80.0	0.033	0	0	0	
1287	1229.274	M-04d	1091	0.1260	0.970	0.4566	29.1	72.8	0.047	1	0	1	Poor SRF
1288	1229.792	M-04d	1090	0.0780	0.970	0.4665	27.1	80.0	0.034	0	0	1	Poor SRF
1289	1230.309	M-04d	1089	0.0780	0.970	0.4714	27.7	80.4	0.030	0	0	1	Poor SRF
1290	1230.827	M-04d	1088	0.0760	0.970	0.4749	27.9	80.7	0.014	0	0	1	Poor SRF
1291	1231.346	M-04d	1087	0.0760	0.970	0.4717	27.2	80.8	0.004	0	0	1	Poor SRF
1292	1231.865	M-04d	1086	0.0770	0.980	0.4670	16.0	79.6	0.003	0	0	1	Poor SRF
1293	1232.384	M-04d	1085	0.0840	0.980	0.4578	21.0	80.9	0.005	0	0	1	Poor SRF
1294	1232.904	M-04d	1084	0.0800	0.980	0.4634	34.1	83.2	0.016	0	0	1	Poor SRF
1295	1233.424	M-04d	1083	0.0740	0.980	0.4749	37.3	82.8	0.030	0	0	1	Poor SRF
1296	1233.945	M-04d	1082	0.0740	0.980	0.4865	25.6	80.5	0.015	0	0	1	Poor SRF
1297	1234.466	M-04d	1081	0.1210	0.980	0.4762	28.6	72.5	0.004	1	0	1	Poor SRF
1298	1234.987	M-04d	1080	0.0780	0.980	0.4822	29.2	78.7	0.005	0	0	1	Poor SRF
1299	1235.509	M-04d	1079	0.0760	0.980	0.4771	26.6	78.4	0.049	0	0	1	Poor SRF
1300	1236.032	M-04d	1078	0.0790	0.980	0.4816	22.6	81.1	0.042	0	0	0	
1301	1236.555	M-04d	1077	0.0780	0.980	0.4805	25.3	83.5	0.038	0	0	0	
1302	1237.078	M-04d	1076	0.0780	0.980	0.4831	28.3	82.3	0.062	0	0	0	
1303	1237.602	M-04d	1075	0.0860	0.980	0.4841	26.5	80.4	0.049	0	3	1	Popping
1304	1238.126	M-04d	1074	0.0760	0.990	0.4872	25.9	81.0	0.024	0	0	0	
1305	1238.650	M-04d	1073	0.0780	0.990	0.4858	29.0	82.2	0.031	0	0	0	
1306	1239.175	M-04d	1072	0.0850	0.990	0.4923	28.4	91.2	0.031	2	0	0	
1307	1239.701	M-04d	1071	0.0770	0.990	0.4876	28.0	84.0	0.013	0	0	0	
1308	1240.227	M-04d	1070	0.1430	0.990	0.4775	29.6	74.5	0.011	1	0	0	
1309	1240.753	M-04d	1069	0.0780	0.990	0.4827	28.8	85.8	0.026	0	0	0	
1310	1241.280	M-04d	1068	0.0870	0.990	0.4822	26.6	92.8	0.026	2	0	0	
1311	1241.807	M-04d	1067	0.0900	0.990	0.4702	26.8	90.9	0.031	2	0	0	
1312	1242.335	M-04d	1066	0.0890	0.990	0.4691	27.9	91.1	0.030	0	0	0	
1313	1242.863	M-04d	1065	0.0990	0.990	0.4704	28.8	96.8	0.026	2	0	0	
1314	1243.392	M-04d	1064	0.0860	0.990	0.4678	28.4	90.9	0.036	2	0	0	
1315	1243.921	M-04d	1063	0.0880	0.990	0.4627	28.7	87.9	0.048	0	0	0	
1316	1244.450	M-04d	1062	0.0790	1.000	0.4663	29.2	87.7	0.051	0	0	0	
1317	1244.980	M-04d	1061	0.0830	1.000	0.4668	29.6	87.6	0.062	0	0	0	
1318	1245.510	M-04d	1060	0.0830	1.000	0.4553	29.5	87.2	0.030	0	0	0	
1319	1246.041	M-04d	1059	0.0820	1.000	0.4544	29.1	86.5	0.027	0	0	0	
1320	1246.572	M-04d	1058	0.0920	1.000	0.4574	27.0	93.0	0.022	2	0	0	
1321	1247.104	M-04d	1057	0.0840	1.000	0.4622	28.1	85.0	0.028	0	0	0	
1322	1247.636	M-04d	1056	0.1270	1.000	0.4561	28.7	77.1	0.040	1	0	0	
1323	1248.169	M-04d	1055	0.0860	1.000	0.4502	29.3	84.8	0.040	0	0	0	
1324	1248.702	M-04d	1054	0.0910	1.000	0.4572	27.4	86.1	0.013	2	0	0	
1325	1249.235	M-04d	1053	0.0980	1.000	0.4513	26.4	87.8	0.037	2	0	0	
1326	1249.769	M-04d	1052	0.0810	1.000	0.4577	27.3	83.3	0.031	0	0	0	
1327	1250.304	M-04d	1051	0.0920	1.000	0.4567	27.2	91.2	0.022	2	0	0	
1328	1250.838	M-04d	1050	0.2210	1.010	0.4365	28.6	85.4	0.011	4	0	0	
1329	1251.374	M-04d	1049	0.0830	1.010	0.4542	29.6	82.4	0.010	0	0	0	
1330	1251.909	M-04d	1048	0.0830	1.010	0.4532	29.1	81.8	0.012	0	0	0	
1331	1252.446	M-04d	1047	0.0860	1.010	0.4453	28.3	81.1	0.011	0	0	0	
1332	1252.982	M-04d	1046	0.0840	1.010	0.4530	29.3	81.0	0.026	0	0	0	
1333	1253.519	M-04d	1045	0.0840	1.010	0.4483	31.2	81.4	0.048	0	0	0	
1334	1254.057	M-04d	1044	0.0840	1.010	0.4533	29.1	82.0	0.029	0	0	0	

1335	1254.595	M-04d	1043	0.0870	1.010	0.4440	29.9	70.8	0.026	1	0	0	
1336	1255.133	M-04d	1042	0.0850	1.010	0.4525	25.8	84.5	0.023	0	0	0	
1337	1255.672	M-04d	1041	0.1040	1.010	0.4411	27.1	87.0	0.015	2	0	0	
1338	1256.211	M-04d	1040	0.1310	1.010	0.4469	30.1	71.9	0.018	1	0	0	
1339	1256.751	M-04d	1039	0.1350	1.010	0.4085	29.5	69.1	0.027	1	0	0	
1340	1257.291	M-04d	1038	0.0840	1.020	0.4493	26.4	84.2	0.013	0	0	0	
1341	1257.832	M-04d	1037	0.0840	1.020	0.4508	27.6	84.5	0.015	0	0	0	
1342	1258.373	M-04d	1036	0.1340	1.020	0.4443	30.3	84.7	0.022	0	0	0	
1343	1258.915	M-04d	1035	0.0830	1.020	0.4825	30.4	86.8	0.036	0	0	0	
1344	1259.457	M-04d	1034	0.0860	1.020	0.4458	28.4	89.7	0.051	0	0	0	
1345	1260.000	M-04d	1033	0.0860	1.020	0.4478	28.5	87.6	0.198	0	0	0	
1346	1260.543	M-04d	1032	0.0850	1.020	0.4503	29.3	88.1	0.128	0	0	0	
1347	1261.086	M-04d	1031	0.0880	1.020	0.4434	29.2	89.5	0.031	0	0	0	
1348	1261.630	M-04d	1030	0.0850	1.020	0.4455	29.9	90.5	0.024	0	0	0	
1349	1262.174	M-04d	1029	0.0890	1.020	0.4397	29.1	91.2	0.033	0	0	0	
1350	1262.719	M-04d	1028	0.0980	1.020	0.4429	28.5	100.1	0.022	2	0	0	
1351	1263.264	M-04d	1027	9.9999	1.020	0.0029	26.1	100.0	0.030	4	2	1	Noise
1352	1263.810	M-04d	1026	0.0930	1.030	0.4295	28.9	99.3	0.021	0	0	0	
1353	1264.356	M-04d	1025	0.1050	1.030	0.4168	26.4	103.2	0.023	2	0	0	
1354	1264.903	M-04d	1024	0.1500	1.030	0.4026	28.0	103.9	0.059	5	0	1	Poor SRF
1355	1265.450	M-04d	1023	9.9999	1.030	0.3845	30.2	105.0	0.044	2	2	1	Noise
1356	1265.998	M-04d	1022	0.0980	1.030	0.4253	31.2	99.9	0.038	0	0	0	
1357	1266.546	M-04d	1021	0.0900	1.030	0.4297	31.6	97.4	0.026	0	0	0	
1358	1267.094	M-04d	1020	0.1000	1.030	0.4255	30.5	99.4	0.030	0	0	0	
1359	1267.643	M-04d	1019	0.0960	1.030	0.4248	29.9	99.1	0.096	0	0	0	
1360	1268.193	M-04d	1018	0.0910	1.030	0.4278	31.4	96.1	0.031	0	0	0	
1361	1268.743	M-04d	1017	0.0930	1.030	0.4226	31.2	95.9	0.023	0	0	0	
1362	1269.293	M-04d	1016	0.0940	1.030	0.4210	30.6	95.1	0.057	0	0	0	
1363	1269.844	M-04d	1015	0.1340	1.030	0.4170	32.2	88.7	0.049	0	0	0	
1364	1270.395	M-04d	1014	0.0950	1.040	0.4177	33.3	94.4	0.085	0	0	0	
1365	1270.947	M-04d	1013	0.0920	1.040	0.4198	33.5	93.5	0.050	0	0	0	
1366	1271.499	M-04d	1012	0.0950	1.040	0.4081	32.3	93.7	0.098	0	0	0	
1367	1272.052	M-04d	1011	0.0970	1.040	0.4098	31.1	93.5	0.122	0	0	0	
1368	1272.605	M-04d	1010	0.1520	1.040	0.4088	32.4	78.4	0.017	1	0	0	
1369	1284.365	M-04c	1009	0.0990	1.060	0.4456	26.6	79.4	0.021	0	0	0	
1370	1284.929	M-04c	1008	0.1010	1.070	0.4431	25.8	80.7	0.016	0	0	0	
1371	1285.493	M-04c	1007	0.1000	1.070	0.4447	25.9	81.0	0.009	0	0	0	
1372	1286.057	M-04c	1006	0.1170	1.070	0.4396	28.2	80.7	0.033	0	0	0	
1373	1286.622	M-04c	1005	0.1040	1.070	0.4420	30.5	80.9	0.041	2	0	0	
1374	1287.187	M-04c	1004	0.1000	1.070	0.4490	32.5	82.8	0.068	0	0	0	
1375	1287.753	M-04c	1003	0.1060	1.070	0.4438	32.1	84.6	0.079	0	0	0	
1376	1288.319	M-04c	1002	0.1020	1.070	0.4494	32.3	85.7	0.071	0	0	0	
1377	1288.885	M-04c	1001	0.1010	1.070	0.4549	31.2	87.1	0.096	0	0	0	
1378	1289.453	M-04c	1000	0.1050	1.070	0.4560	29.0	91.5	0.035	2	0	0	
1379	1290.020	M-04c	999	0.1060	1.070	0.4504	26.3	85.1	0.038	2	0	0	
1380	1290.588	M-04c	998	0.1130	1.080	0.4541	26.8	86.9	0.039	2	0	0	
1381	1291.157	M-04c	997	0.1130	1.080	0.4493	31.2	89.2	0.022	2	0	0	
1382	1291.726	M-04c	996	0.1070	1.080	0.4500	31.0	89.3	0.018	0	0	0	
1383	1292.296	M-04c	995	0.1040	1.080	0.4466	31.9	89.1	0.037	0	0	0	
1384	1292.866	M-04c	994	0.1040	1.080	0.4498	32.6	87.2	0.028	0	0	0	
1385	1293.437	M-04c	993	0.1050	1.080	0.4474	31.6	90.1	0.025	0	0	0	
1386	1294.008	M-04c	992	0.1100	1.080	0.4407	30.4	90.7	0.032	0	0	0	
1387	1294.579	M-04c	991	0.1100	1.080	0.4436	31.5	91.1	0.034	2	0	0	
1388	1295.151	M-04c	990	0.1080	1.080	0.4434	31.6	90.9	0.024	0	0	0	
1389	1295.724	M-04c	989	0.1100	1.080	0.4396	32.5	90.3	0.022	0	0	0	
1390	1296.297	M-04c	988	0.1740	1.090	0.4419	35.1	77.6	0.055	1	0	0	
1391	1296.870	M-04c	987	0.1070	1.090	0.4358	31.1	90.7	0.144	0	0	0	
1392	1297.444	M-04c	986	0.1110	1.090	0.4336	30.7	88.7	0.066	0	0	0	
1393	1298.019	M-04c	985	0.1080	1.090	0.4448	30.5	90.6	0.026	0	0	0	
1394	1298.594	M-04c	984	0.1100	1.090	0.4372	29.3	91.2	0.023	0	0	0	
1395	1299.169	M-04c	983	0.1130	1.090	0.4362	31.2	92.4	0.022	0	0	0	
1396	1299.745	M-04c	982	0.1180	1.090	0.4358	32.3	95.3	0.036	2	0	0	
1397	1300.322	M-04c	981	0.5780	1.090	0.4097	32.2	94.5	0.033	5	0	0	

1398	1300.899	M-04c	980	0.1340	1.090	0.4346	33.2	90.5	0.027	0	0	0	
1399	1301.476	M-04c	979	9.9999	1.090	0.0026	30.2	92.9	0.034	5	2	1	Noise
1400	1302.054	M-04c	978	0.1750	1.100	0.4417	33.9	84.4	0.026	1	0	0	
1401	1302.633	M-04c	977	0.1110	1.100	0.4400	28.8	93.0	0.028	0	0	0	
1402	1303.212	M-04c	976	0.1110	1.100	0.4370	30.3	92.3	0.033	0	0	0	
1403	1303.791	M-04c	975	0.1150	1.100	0.4316	36.3	89.8	0.029	0	0	0	
1404	1304.371	M-04c	974	0.1120	1.100	0.4352	35.8	91.4	0.028	0	0	0	
1405	1304.952	M-04c	973	0.1150	1.100	0.4378	34.8	93.5	0.029	2	0	0	
1406	1305.533	M-04c	972	0.1120	1.100	0.4354	31.4	93.7	0.040	0	0	0	
1407	1306.114	M-04c	971	0.1140	1.100	0.4317	33.0	91.8	0.062	0	0	0	
1408	1306.696	M-04c	970	0.1210	1.100	0.4275	33.1	92.7	0.026	2	0	0	
1409	1307.278	M-04c	969	0.1140	1.100	0.4308	34.7	92.0	0.040	0	0	0	
1410	1307.861	M-04c	968	0.1150	1.110	0.4307	31.9	90.1	0.056	0	0	0	
1411	1308.445	M-04c	967	0.1170	1.110	0.4244	32.9	89.7	0.046	0	0	0	
1412	1309.029	M-04c	966	0.1180	1.110	0.4217	32.6	92.5	0.020	0	0	0	
1413	1309.613	M-04c	965	0.1220	1.110	0.4284	34.2	92.3	0.019	0	0	0	
1414	1310.198	M-04c	964	0.1190	1.110	0.4235	32.0	92.1	0.020	2	0	0	
1415	1310.784	M-04c	963	0.1230	1.110	0.4111	24.9	92.1	0.023	0	0	0	
1416	1311.370	M-04c	962	0.1260	1.110	0.4065	31.4	90.6	0.042	0	0	0	
1417	1311.956	M-04c	961	0.1250	1.110	0.4077	40.1	86.6	0.118	0	0	0	
1418	1312.543	M-04c	960	0.1200	1.110	0.4086	36.5	87.0	0.042	0	0	0	
1419	1313.131	M-04c	959	0.1980	1.110	0.3661	34.0	77.3	0.039	1	0	0	
1420	1313.719	M-04c	958	0.1290	1.120	0.4053	31.8	88.8	0.039	2	0	0	
1421	1314.307	M-04c	957	0.1240	1.120	0.4038	33.5	86.8	0.023	0	0	0	
1422	1314.896	M-04c	956	0.1250	1.120	0.4036	32.2	87.9	0.030	0	0	0	
1423	1315.486	M-04c	955	0.1260	1.120	0.4063	33.1	86.9	0.013	0	0	0	
1424	1316.076	M-04c	954	0.1280	1.120	0.4013	33.5	89.0	0.038	0	0	0	
1425	1316.667	M-04c	953	0.2080	1.120	0.3547	35.6	76.3	0.091	1	0	0	
1426	1317.258	M-04c	952	0.1300	1.120	0.3933	31.3	90.0	0.087	0	0	0	
1427	1317.849	M-04c	951	0.1310	1.120	0.3954	32.2	90.9	0.023	0	0	0	
1428	1318.441	M-04c	950	0.1300	1.120	0.3951	34.6	90.3	0.057	0	0	0	
1429	1319.034	M-04c	949	0.1320	1.120	0.3906	33.7	90.8	0.054	0	0	0	
1430	1319.627	M-04c	948	0.1350	1.130	0.3951	32.7	96.1	0.026	2	0	0	
1431	1320.221	M-04c	947	0.2270	1.130	0.3870	36.6	82.2	0.028	1	0	0	
1432	1320.815	M-04c	946	0.1340	1.130	0.3853	34.5	94.0	0.021	0	0	0	
1433	1321.410	M-04c	945	0.1340	1.130	0.3867	34.3	94.5	0.051	0	0	0	
1434	1322.005	M-04c	944	0.1360	1.130	0.3862	35.1	93.9	0.051	0	0	0	
1435	1322.600	M-04c	943	0.1400	1.130	0.3844	35.2	94.1	0.049	0	0	0	
1436	1323.197	M-04c	942	0.1420	1.130	0.3762	35.2	95.5	0.024	0	0	0	
1437	1323.793	M-04c	941	0.1420	1.130	0.3797	35.5	96.4	0.017	0	0	0	
1438	1324.391	M-04c	940	0.2660	1.130	0.3723	39.6	86.2	0.013	1	0	0	
1439	1324.988	M-04c	939	0.1440	1.140	0.3662	36.4	97.1	0.009	0	0	0	
1440	1325.587	M-04c	938	0.1440	1.140	0.3678	36.8	97.1	0.010	2	0	0	
1441	1326.186	M-04c	937	0.1430	1.140	0.3683	36.9	97.9	0.020	0	0	0	
1442	1326.785	M-04c	936	0.1460	1.140	0.3633	37.6	96.8	0.074	0	0	0	
1443	1327.385	M-04c	935	0.1480	1.140	0.3586	36.0	99.1	0.101	0	0	0	
1444	1327.985	M-04c	934	0.1490	1.140	0.3575	35.7	98.7	0.043	0	0	0	
1445	1328.586	M-04c	933	0.1530	1.140	0.3532	36.3	98.3	0.016	0	0	0	
1446	1329.188	M-04c	932	0.1550	1.140	0.3489	37.3	98.5	0.016	0	0	0	
1447	1329.789	M-04c	931	0.1550	1.140	0.3524	38.0	98.4	0.019	0	0	0	
1448	1330.392	M-04c	930	0.1550	1.140	0.3501	37.6	98.1	0.018	0	0	0	
1449	1330.995	M-04c	929	0.1550	1.150	0.3472	39.1	98.2	0.015	0	0	0	
1450	1331.598	M-04c	928	0.1570	1.150	0.3449	37.9	99.2	0.044	0	0	0	
1451	1332.203	M-04c	927	0.1620	1.150	0.3403	36.6	100.5	0.089	0	0	0	
1452	1332.807	M-04c	926	0.1980	1.150	0.3384	38.4	93.9	0.070	0	0	0	
1453	1333.412	M-04c	925	0.1610	1.150	0.3416	38.9	100.4	0.033	0	0	0	
1454	1334.018	M-04c	924	0.2690	1.150	0.3357	40.6	88.0	0.007	1	0	0	
1455	1334.624	M-04c	923	0.1620	1.150	0.3379	39.7	100.7	0.009	0	0	0	
1456	1335.231	M-04c	922	0.1650	1.150	0.3347	38.6	101.5	0.013	0	0	0	
1457	1335.838	M-04c	921	0.1670	1.150	0.3323	37.6	101.1	0.040	0	0	0	
1458	1336.446	M-04c	920	0.1780	1.160	0.3239	36.6	104.5	0.122	2	0	0	
1459	1337.054	M-04c	919	0.1730	1.160	0.3265	36.2	104.4	0.074	2	0	0	
1460	1337.663	M-04c	918	0.1690	1.160	0.3295	37.1	102.9	0.087	2	0	0	

1461	1338.272	M-04c	917	0.2720	1.160	0.3272	42.1	85.0	0.097	1	0	0		
1462	1338.882	M-04c	916	0.1720	1.160	0.3174	39.8	96.9	0.035	0	0	0		
1463	1338.177	M-03	705	0.0940	0.950	0.4533	22.2	29.0	0.116	0	0	0		
1464	1338.685	M-03	704	0.0930	0.950	0.4575	22.9	29.8	0.038	0	0	0		
1465	1339.194	M-03	703	0.1330	0.950	0.4592	22.2	35.3	0.030	2	0	0		
1466	1339.703	M-03	702	0.0960	0.950	0.4585	22.9	11.8	0.029	1	0	0		
1467	1340.212	M-03	701	0.1270	0.950	0.4588	23.0	27.9	0.044	0	0	0		
1468	1340.722	M-03	700	0.0900	0.950	0.4757	20.0	28.2	0.071	0	0	0		
1469	1341.232	M-03	699	0.1270	0.950	0.4870	23.4	12.4	0.101	1	0	0		
1470	1341.743	M-03	698	0.0890	0.960	0.5000	22.2	33.4	0.056	0	0	0		
1471	1342.254	M-03	697	0.0930	0.960	0.5047	22.6	28.7	0.042	0	0	0		
1472	1342.765	M-03	696	0.0900	0.960	0.5011	22.1	34.3	0.043	0	0	0		
1473	1343.277	M-03	695	0.0860	0.960	0.5100	21.8	35.4	0.031	0	0	0		
1474	1343.789	M-03	694	0.0870	0.960	0.5066	22.0	36.3	0.011	0	0	0		
1475	1344.302	M-03	693	0.1200	0.960	0.5198	19.4	56.4	0.012	2	0	0		
1476	1344.815	M-03	692	0.1280	0.960	0.4916	19.5	16.2	0.006	4	0	0		
1477	1345.328	M-03	691	0.1290	0.960	0.5101	19.8	57.7	0.009	2	0	0		
1478	1345.842	M-03	690	0.1150	0.960	0.5155	19.9	39.4	0.023	0	0	0		
1479	1346.356	M-03	689	0.1260	0.960	0.5053	21.4	30.0	0.059	1	0	0		
1480	1346.871	M-03	688	0.0990	0.960	0.5156	19.1	41.1	0.047	0	0	0		
1481	1347.386	M-03	687	0.1160	0.960	0.5314	18.8	57.1	0.027	2	0	0		
1482	1347.902	M-03	686	0.1000	0.970	0.5158	19.8	43.4	0.028	0	0	0		
1483	1348.418	M-03	685	0.0840	0.970	0.5220	22.3	43.8	0.056	0	0	1	Poor	SRF
1484	1348.934	M-03	684	0.0820	0.970	0.5290	25.2	44.9	0.043	0	0	1	Poor	SRF
1485	1349.451	M-03	683	0.1070	0.970	0.5505	26.8	56.7	0.042	0	0	1	Poor	SRF
1486	1349.968	M-03	682	0.1230	0.970	0.5261	-16.3	56.7	0.025	2	0	1	Poor	SRF
1487	1350.485	M-03	681	0.2160	0.970	0.4958	-0.5	9.4	0.045	1	0	1	Poor	SRF
1488	1351.003	M-03	680	0.2300	0.970	0.4276	-66.5	-1.9	0.036	2	0	1	Poor	SRF
1489	1351.522	M-03	679	0.1440	0.970	0.4661	19.5	-15.0	0.043	1	0	1	Poor	SRF
1490	1352.041	M-03	678	0.3500	0.970	0.4533	87.6	10.3	0.033	0	0	1	Poor	SRF
1491	1352.560	M-03	677	0.1130	0.970	0.5405	28.6	13.4	0.033	1	0	1	Poor	SRF
1492	1353.080	M-03	676	0.1950	0.970	0.5375	12.4	39.6	0.026	2	0	1	Poor	SRF
1493	1353.600	M-03	675	0.0860	0.970	0.5508	7.9	43.8	0.027	0	0	1	Poor	SRF
1494	1354.120	M-03	674	0.1150	0.970	0.5297	15.2	28.1	0.017	1	0	0		
1495	1354.641	M-03	673	0.0820	0.980	0.5466	14.9	60.1	0.042	0	0	0		
1496	1355.162	M-03	672	0.1300	0.980	0.5213	16.3	27.7	0.139	1	0	0		
1497	1355.684	M-03	671	0.0810	0.980	0.5517	15.4	50.5	0.052	0	0	0		
1498	1356.206	M-03	670	0.1130	0.980	0.5372	16.5	29.0	0.030	1	0	0		
1499	1356.729	M-03	669	0.0790	0.980	0.5582	14.8	51.5	0.031	0	0	0		
1500	1357.252	M-03	668	0.1140	0.980	0.5408	16.8	33.0	0.014	1	0	0		
1501	1357.775	M-03	667	0.1120	0.980	0.5306	15.0	27.3	0.068	1	0	0		
1502	1358.299	M-03	666	0.0780	0.980	0.5548	14.6	46.4	0.038	0	0	0		
1503	1358.824	M-03	665	0.0810	0.980	0.5605	14.2	46.4	0.012	1	0	0		
1504	1359.348	M-03	664	0.0780	0.980	0.5662	15.5	46.8	0.018	0	0	0		
1505	1359.873	M-03	663	0.0830	0.980	0.5693	15.2	53.4	0.044	1	0	0		
1506	1360.399	M-03	662	0.0760	0.980	0.5631	17.6	46.7	0.057	0	0	0		
1507	1360.925	M-03	661	0.3780	0.980	0.5488	14.8	72.0	0.044	4	0	1	Poor	SRF
1508	1361.451	M-03	660	0.1030	0.990	0.5737	11.1	78.6	0.079	2	0	0		
1509	1361.978	M-03	659	0.1030	0.990	0.5883	15.3	77.4	0.020	2	0	0		
1510	1362.505	M-03	658	0.0820	0.990	0.5655	18.7	45.8	0.066	0	0	0		
1511	1363.033	M-03	657	0.0920	0.990	0.5469	16.0	54.0	0.120	0	0	0		
1512	1363.561	M-03	656	0.1910	0.990	0.5514	9.1	54.1	0.102	1	0	0		
1513	1364.090	M-03	655	0.1060	0.990	0.5641	15.1	25.3	0.051	1	0	0		
1514	1364.619	M-03	654	0.0750	0.990	0.5823	15.1	54.2	0.031	0	0	0		
1515	1365.148	M-03	653	0.7120	0.990	0.5865	16.8	46.6	0.023	0	0	0		
1516	1365.678	M-03	652	0.0750	0.990	0.5897	18.0	46.9	0.033	0	0	0		
1517	1366.208	M-03	651	0.1100	0.990	0.6060	16.5	77.9	0.034	0	0	0		
1518	1366.739	M-03	650	0.0740	0.990	0.5918	17.8	45.4	0.025	0	0	0		
1519	1367.270	M-03	649	0.1020	0.990	0.6048	15.2	57.7	0.008	2	0	0		
1520	1367.801	M-03	648	0.0740	1.000	0.5993	17.4	50.7	0.069	0	0	0		
1521	1368.333	M-03	647	0.0730	1.000	0.5998	19.1	51.2	0.135	0	0	0		
1522	1368.865	M-03	646	0.0720	1.000	0.6047	17.2	51.9	0.107	0	0	0		
1523	1369.398	M-03	645	0.0730	1.000	0.6098	16.6	52.0	0.023	0	0	0		

1524	1369.932	M-03	644	0.0710	1.000	0.6074	17.2	46.0	0.020	0	0	0	
1525	1370.465	M-03	643	0.0710	1.000	0.6139	17.1	51.8	0.018	0	0	0	
1526	1370.999	M-03	642	0.0710	1.000	0.6169	18.0	51.6	0.018	0	0	0	
1527	1371.534	M-03	641	0.0740	1.000	0.6151	17.0	51.1	0.006	0	0	0	
1528	1372.069	M-03	640	0.0700	1.000	0.6188	16.9	50.7	0.012	0	0	0	
1529	1372.604	M-03	639	0.0700	1.000	0.6128	17.6	38.6	0.026	0	0	0	
1530	1373.140	M-03	638	0.0720	1.000	0.6112	20.0	50.9	0.033	0	0	0	
1531	1373.676	M-03	637	0.0740	1.000	0.6018	18.3	52.4	0.051	2	0	0	
1532	1374.213	M-03	636	0.0700	1.010	0.6050	13.9	46.1	0.041	0	0	0	
1533	1374.750	M-03	635	0.1110	1.010	0.5951	19.8	25.3	0.042	1	0	0	
1534	1375.288	M-03	634	0.0730	1.010	0.6201	17.8	53.4	0.052	0	0	0	
1535	1375.826	M-03	633	0.0680	1.010	0.6314	18.2	46.8	0.041	0	0	0	
1536	1376.364	M-03	632	0.0700	1.010	0.6303	17.7	46.9	0.008	0	0	0	
1537	1376.903	M-03	631	0.0690	1.010	0.6333	17.2	54.1	0.008	0	0	0	
1538	1377.442	M-03	630	0.0690	1.010	0.6360	18.4	53.9	0.018	0	0	0	
1539	1377.982	M-03	629	0.0980	1.010	0.6043	19.8	27.2	0.036	1	0	0	
1540	1378.522	M-03	628	0.0710	1.010	0.6288	16.7	55.0	0.028	0	0	0	
1541	1379.063	M-03	627	0.0910	1.010	0.6348	18.6	48.7	0.015	0	0	0	
1542	1379.604	M-03	626	0.0990	1.010	0.6096	19.4	27.9	0.021	1	0	0	
1543	1380.145	M-03	625	0.0930	1.010	0.6534	14.2	80.3	0.022	5	3	1	Popping
1544	1380.687	M-03	624	0.0680	1.020	0.6452	15.6	55.6	0.015	2	0	0	
1545	1381.230	M-03	623	0.0930	1.020	0.6585	14.2	81.6	0.011	2	0	0	
1546	1381.772	M-03	622	0.0710	1.020	0.6391	17.2	56.6	0.011	0	0	0	
1547	1382.316	M-03	621	0.0710	1.020	0.6258	17.0	62.9	0.009	0	0	0	
1548	1382.859	M-03	620	0.0690	1.020	0.6370	16.8	55.8	0.014	0	0	0	
1549	1383.404	M-03	619	0.0690	1.020	0.6364	17.7	50.3	0.012	0	0	0	
1550	1383.948	M-03	618	0.0700	1.020	0.6336	18.5	50.4	0.005	0	0	0	
1551	1384.493	M-03	617	0.0690	1.020	0.6401	18.6	49.8	0.007	0	0	0	
1552	1385.039	M-03	616	0.1070	1.020	0.6263	18.9	43.8	0.008	0	0	0	
1553	1385.584	M-03	615	0.0700	1.020	0.6353	18.2	57.0	0.009	0	0	0	
1554	1386.131	M-03	614	0.0720	1.020	0.6302	20.0	56.9	0.033	0	0	0	
1555	1386.678	M-03	613	0.0720	1.020	0.6256	20.7	50.3	0.032	0	0	0	
1556	1387.225	M-03	612	0.0690	1.030	0.6031	23.0	57.0	0.050	0	0	0	
1557	1387.773	M-03	611	0.0980	1.030	0.5851	15.7	39.7	0.052	1	0	0	
1558	1388.321	M-03	610	0.0970	1.030	0.6263	17.8	31.0	0.015	1	0	0	
1559	1388.869	M-03	609	0.0700	1.030	0.6373	19.0	51.1	0.006	0	0	0	
1560	1389.418	M-03	608	0.0690	1.030	0.6429	19.7	51.3	0.006	0	0	0	
1561	1389.968	M-03	607	0.0690	1.030	0.6449	19.9	51.3	0.007	0	0	0	
1562	1390.518	M-03	606	0.0710	1.030	0.6370	19.8	51.9	0.011	0	0	0	
1563	1391.068	M-03	605	0.0860	1.030	0.6459	20.4	51.9	0.012	1	0	0	
1564	1391.619	M-03	604	0.0710	1.030	0.6536	19.6	58.0	0.006	0	0	0	
1565	1392.170	M-03	603	0.0920	1.030	0.6669	18.6	84.1	0.006	2	0	0	
1566	1392.722	M-03	602	0.0680	1.030	0.6540	19.0	51.6	0.007	0	0	0	
1567	1393.274	M-03	601	0.0730	1.030	0.6494	19.1	59.4	0.008	0	0	0	
1568	1393.827	M-03	600	0.0720	1.040	0.6456	22.6	77.2	0.027	0	0	0	
1569	1394.380	M-03	599	0.0710	1.040	0.5959	21.7	60.5	0.049	0	0	0	
1570	1394.933	M-03	598	0.0700	1.040	0.6148	14.9	54.9	0.037	0	0	0	
1571	1395.487	M-03	597	0.0940	1.040	0.6427	17.9	77.7	0.038	2	0	0	
1572	1396.042	M-03	596	0.0680	1.040	0.6410	16.4	53.6	0.046	0	0	0	
1573	1396.597	M-03	595	0.0760	1.040	0.6467	17.6	53.1	0.010	0	0	0	
1574	1397.152	M-03	594	0.0710	1.040	0.6400	21.2	53.5	0.015	0	0	0	
1575	1397.708	M-03	593	0.0820	1.040	0.6323	21.9	54.4	0.028	0	0	0	
1576	1398.264	M-03	592	0.0730	1.040	0.6354	19.9	53.7	0.018	0	0	0	
1577	1398.821	M-03	591	0.0690	1.040	0.6302	23.7	52.3	0.051	0	0	0	
1578	1399.378	M-03	590	0.0970	1.040	0.6133	20.2	33.6	0.056	1	0	0	
1579	1399.936	M-03	589	0.0760	1.040	0.6470	17.6	54.1	0.020	1	0	0	
1580	1400.494	M-03	588	0.0690	1.050	0.6650	18.4	60.5	0.005	0	0	0	
1581	1401.052	M-03	587	0.0690	1.050	0.6574	18.5	54.2	0.004	0	0	0	
1582	1401.611	M-03	586	0.0700	1.050	0.6666	19.2	60.3	0.004	0	0	0	
1583	1402.171	M-03	585	0.0690	1.050	0.6628	21.4	60.8	0.004	0	0	0	
1584	1402.730	M-03	584	0.0990	1.050	0.6487	23.1	40.3	0.005	1	0	0	
1585	1403.291	M-03	583	0.0700	1.050	0.6684	20.4	60.8	0.006	0	0	0	
1586	1403.852	M-03	582	0.0760	1.050	0.6564	20.7	54.1	0.007	0	0	0	

1587	1404.413	M-03	581	0.0700	1.050	0.6538	21.8	59.8	0.036	0	0	0
1588	1404.975	M-03	580	0.0700	1.050	0.6358	19.2	54.5	0.056	0	0	0
1589	1405.537	M-03	579	0.0750	1.050	0.6459	17.6	61.5	0.036	0	0	0
1590	1406.100	M-03	578	0.0980	1.050	0.6515	23.0	39.8	0.007	1	0	0
1591	1406.663	M-03	577	0.0690	1.050	0.6612	20.9	53.9	0.005	0	0	0
1592	1407.226	M-03	576	0.0930	1.060	0.6856	18.1	86.7	0.006	2	0	0
1593	1407.790	M-03	575	0.0990	1.060	0.6527	23.8	32.4	0.005	1	0	0
1594	1408.355	M-03	574	0.0840	1.060	0.6483	23.0	39.5	0.007	0	0	0
1595	1408.920	M-03	573	0.1180	1.060	0.6329	22.6	32.2	0.006	1	0	0
1596	1409.485	M-03	572	0.0920	1.060	0.6753	19.9	72.1	0.014	2	0	0
1597	1410.051	M-03	571	0.1000	1.060	0.6465	22.9	38.4	0.019	1	0	0
1598	1410.618	M-03	570	0.0700	1.060	0.6576	21.8	51.7	0.009	0	0	0
1599	1411.184	M-03	569	0.0700	1.060	0.6575	23.1	51.2	0.019	0	0	0
1600	1411.752	M-03	568	0.1010	1.060	0.6295	23.7	30.8	0.028	1	0	0
1601	1412.319	M-03	567	0.0920	1.060	0.6724	20.6	65.0	0.026	2	0	0
1602	1412.888	M-03	566	0.0700	1.060	0.6542	22.8	51.7	0.005	0	0	0
1603	1413.456	M-03	565	0.0850	1.070	0.6601	23.6	50.6	0.004	1	0	0
1604	1414.026	M-03	564	0.0700	1.070	0.6610	23.8	50.1	0.004	0	0	0
1605	1414.595	M-03	563	0.0800	1.070	0.6559	22.8	50.0	0.005	0	0	0
1606	1415.165	M-03	562	0.0710	1.070	0.6580	24.2	49.6	0.005	0	0	0
1607	1415.736	M-03	561	0.0950	1.070	0.6732	22.1	75.2	0.023	0	0	0
1608	1416.307	M-03	560	0.0750	1.070	0.6443	24.6	48.6	0.023	0	0	0
1609	1416.878	M-03	559	0.1000	1.070	0.6317	27.3	27.6	0.031	1	0	0
1610	1417.450	M-03	558	0.0960	1.070	0.6564	21.4	80.4	0.038	2	0	0
1611	1418.023	M-03	557	0.0950	1.070	0.6398	21.9	49.5	0.020	2	0	0
1612	1418.596	M-03	556	0.0720	1.070	0.6269	31.5	45.6	0.055	0	0	0
1613	1419.169	M-03	555	0.1140	1.070	0.5566	31.1	49.3	0.068	1	0	0
1614	1419.743	M-03	554	0.0800	1.070	0.5787	16.4	52.5	0.073	0	0	0
1615	1420.317	M-03	553	0.0710	1.080	0.6470	18.1	49.3	0.017	0	0	0
1616	1420.892	M-03	552	0.0720	1.080	0.6598	22.3	54.9	0.007	0	0	0
1617	1421.468	M-03	551	0.0880	1.080	0.6575	23.4	55.3	0.005	2	0	0
1618	1422.043	M-03	550	0.0720	1.080	0.6562	26.9	49.8	0.004	0	0	0
1619	1422.620	M-03	549	0.0870	1.080	0.6491	25.8	49.9	0.003	0	0	0
1620	1423.196	M-03	548	0.0730	1.080	0.6530	27.0	48.8	0.038	0	0	0
1621	1423.774	M-03	547	0.0730	1.080	0.6301	25.9	49.6	0.056	0	0	0
1622	1424.351	M-03	546	0.0740	1.080	0.6440	22.3	57.0	0.051	0	0	0
1623	1424.929	M-03	545	0.0730	1.080	0.6560	22.9	51.0	0.010	0	0	0
1624	1425.508	M-03	544	0.0980	1.080	0.6783	22.9	75.4	0.006	2	0	0
1625	1426.087	M-03	543	0.0730	1.080	0.6607	26.0	51.1	0.005	0	0	0
1626	1426.667	M-03	542	0.0790	1.090	0.6637	26.3	51.2	0.006	0	0	0
1627	1427.247	M-03	541	0.0720	1.090	0.6665	24.4	51.4	0.004	0	0	0
1628	1427.827	M-03	540	0.0750	1.090	0.6606	23.6	57.1	0.010	0	0	0
1629	1428.408	M-03	539	0.0720	1.090	0.6604	23.3	52.0	0.012	0	0	0
1630	1428.990	M-03	538	0.0730	1.090	0.6554	25.9	51.4	0.010	0	0	0
1631	1429.572	M-03	537	0.0730	1.090	0.6462	27.1	51.8	0.050	0	0	0
1632	1430.154	M-03	536	0.0760	1.090	0.6419	23.2	59.6	0.051	4	0	0
1633	1430.737	M-03	535	0.0730	1.090	0.6638	22.2	59.3	0.014	2	0	0
1634	1431.321	M-03	534	0.0730	1.090	0.6655	25.6	59.3	0.004	0	0	0
1635	1431.905	M-03	533	0.0730	1.090	0.6630	26.2	53.6	0.010	0	0	0
1636	1432.489	M-03	532	0.1080	1.090	0.6511	29.6	33.3	0.014	1	0	0
1637	1433.074	M-03	531	0.0740	1.100	0.6602	24.6	59.8	0.030	0	0	0
1638	1433.660	M-03	530	0.0740	1.100	0.6652	22.9	66.2	0.018	0	0	0
1639	1434.245	M-03	529	0.0750	1.100	0.6615	24.5	54.1	0.004	0	0	0
1640	1434.832	M-03	528	0.0750	1.100	0.6585	25.1	60.8	0.006	0	0	0
1641	1435.419	M-03	527	0.1110	1.100	0.6414	25.7	49.2	0.018	0	0	0
1642	1436.006	M-03	526	0.0900	1.100	0.6132	33.5	64.8	0.047	0	0	0
1643	1436.594	M-03	525	0.1030	1.100	0.5456	29.5	69.8	0.081	2	0	0
1644	1437.182	M-03	524	0.1270	1.100	0.5705	13.7	67.6	0.078	1	0	0
1645	1437.771	M-03	523	0.0770	1.100	0.6380	20.4	64.2	0.014	0	0	0
1646	1438.360	M-03	522	0.0800	1.100	0.6208	28.2	51.8	0.007	0	0	0
1647	1438.950	M-03	521	0.0790	1.100	0.6334	26.8	57.8	0.005	0	0	0
1648	1439.540	M-03	520	0.0860	1.110	0.6232	29.4	43.7	0.004	0	0	0
1649	1440.131	M-03	519	0.1160	1.110	0.6088	28.1	50.9	0.005	1	0	0

1650	1440.722	M-03	518	0.0920	1.110	0.6070	28.2	51.6	0.007	1	0	0	
1651	1441.314	M-03	517	0.0850	1.110	0.6131	25.0	63.9	0.005	0	0	0	
1652	1441.906	M-03	516	0.1100	1.110	0.6074	25.0	71.5	0.004	0	0	0	
1653	1442.499	M-03	515	0.0880	1.110	0.5957	27.2	59.4	0.003	0	0	0	
1654	1443.092	M-03	514	0.1170	1.110	0.5923	23.0	92.2	0.004	5	0	0	
1655	1460.283	M-04b	915	0.1100	1.150	0.5647	27.9	43.2	0.005	2	0	0	
1656	1460.892	M-04b	914	0.0850	1.150	0.5916	29.8	44.5	0.004	0	0	0	
1657	1461.501	M-04b	913	0.1020	1.150	0.6001	29.2	43.5	0.003	1	0	0	
1658	1462.110	M-04b	912	0.0800	1.150	0.6047	29.9	43.8	0.003	0	0	0	
1659	1462.720	M-04b	911	0.0810	1.150	0.5995	28.2	43.3	0.003	0	0	0	
1660	1463.330	M-04b	910	0.0840	1.150	0.5961	17.6	39.7	0.005	0	0	0	
1661	1463.941	M-04b	909	0.0850	1.150	0.5896	27.1	44.3	0.015	2	0	0	
1662	1464.552	M-04b	908	0.1010	1.160	0.5639	42.8	46.9	0.056	0	0	0	
1663	1465.164	M-04b	907	0.0760	1.160	0.5803	36.0	44.3	0.051	0	0	0	
1664	1465.777	M-04b	906	0.0780	1.160	0.6321	23.8	40.5	0.017	0	0	0	
1665	1466.390	M-04b	905	0.0940	1.160	0.6479	26.4	41.0	0.008	1	0	0	
1666	1467.003	M-04b	904	0.0730	1.160	0.6568	26.4	41.7	0.003	0	0	0	
1667	1467.617	M-04b	903	0.0740	1.160	0.6527	28.8	41.8	0.002	0	0	0	
1668	1468.231	M-04b	902	0.0710	1.160	0.6690	29.4	41.6	0.002	0	0	0	
1669	1468.846	M-04b	901	0.0900	1.160	0.6669	30.1	41.9	0.002	0	0	0	
1670	1469.462	M-04b	900	0.0820	1.160	0.6687	30.1	41.0	0.003	1	0	0	
1671	1470.078	M-04b	899	0.0900	1.160	0.6679	31.0	39.6	0.004	0	0	0	
1672	1470.694	M-04b	898	3.1810	1.170	0.0518	29.4	43.5	0.009	4	2	1	Noise
1673	1471.311	M-04b	897	0.0690	1.170	0.6542	35.6	37.9	0.044	0	0	0	
1674	1471.929	M-04b	896	0.0710	1.170	0.6225	31.2	39.9	0.045	2	0	0	
1675	1472.547	M-04b	895	0.0690	1.170	0.6270	27.6	38.9	0.036	0	0	0	
1676	1473.165	M-04b	894	0.0870	1.170	0.6350	34.4	37.8	0.036	1	0	0	
1677	1473.784	M-04b	893	0.0680	1.170	0.6353	25.1	39.0	0.042	0	0	0	
1678	1474.404	M-04b	892	0.0680	1.170	0.6874	27.2	38.4	0.015	0	0	0	
1679	1475.024	M-04b	891	0.0950	1.170	0.6717	29.6	38.3	0.006	2	0	0	
1680	1475.645	M-04b	890	0.0680	1.170	0.6800	34.8	39.2	0.042	0	0	0	
1681	1476.266	M-04b	889	0.0680	1.170	0.6585	28.7	41.1	0.062	0	0	0	
1682	1476.887	M-04b	888	0.0880	1.180	0.6760	26.4	43.0	0.044	0	0	0	
1683	1477.510	M-04b	887	0.1020	1.180	0.6862	29.3	43.4	0.005	2	0	0	
1684	1478.132	M-04b	886	0.0690	1.180	0.6964	32.3	43.8	0.003	0	0	0	
1685	1478.756	M-04b	885	0.0700	1.180	0.7022	29.7	43.5	0.002	0	0	0	
1686	1479.379	M-04b	884	0.0720	1.180	0.6944	30.0	43.8	0.002	0	0	0	
1687	1480.004	M-04b	883	0.0750	1.180	0.7053	31.0	44.6	0.002	0	0	0	
1688	1480.628	M-04b	882	0.0690	1.180	0.6915	31.9	45.9	0.023	0	0	0	
1689	1481.254	M-04b	881	0.1050	1.180	0.6932	31.4	47.6	0.036	2	0	0	
1690	1481.879	M-04b	880	0.1050	1.180	0.7013	30.5	48.8	0.019	0	0	0	
1691	1482.506	M-04b	879	9.9999	1.180	0.3581	-320.0	-80.0	0.003	5	2	1	Noise
1692	1483.133	M-04b	878	0.0710	1.190	0.7117	30.0	51.5	0.002	0	0	0	
1693	1483.760	M-04b	877	0.0990	1.190	0.7004	28.9	51.3	0.003	2	0	0	
1694	1484.388	M-04b	876	0.0880	1.190	0.7137	29.6	52.6	0.004	0	0	0	
1695	1485.016	M-04b	875	0.0690	1.190	0.7126	32.2	53.8	0.003	0	0	0	
1696	1485.645	M-04b	874	0.0700	1.190	0.7085	34.4	54.9	0.010	0	0	0	
1697	1486.275	M-04b	873	0.0680	1.190	0.7086	32.4	55.9	0.015	0	0	0	
1698	1486.905	M-04b	872	0.0880	1.190	0.6964	32.0	57.0	0.047	0	0	0	
1699	1487.536	M-04b	871	0.0960	1.190	0.5266	29.9	60.3	0.049	2	0	0	
1700	1488.167	M-04b	870	0.0700	1.190	0.6994	31.4	57.8	0.017	0	0	0	
1701	1488.798	M-04b	869	0.0690	1.190	0.6997	35.2	59.1	0.031	0	0	0	
1702	1489.431	M-04b	868	0.0880	1.200	0.6802	34.4	61.4	0.041	1	0	0	
1703	1490.063	M-04b	867	0.0690	1.200	0.6784	33.5	62.5	0.037	0	0	0	
1704	1490.696	M-04b	866	0.0700	1.200	0.6724	31.9	64.4	0.041	0	0	0	
1705	1491.330	M-04b	865	0.0690	1.200	0.6946	30.0	66.0	0.038	0	0	0	
1706	1491.964	M-04b	864	0.0720	1.200	0.7135	32.3	65.3	0.005	0	0	0	
1707	1492.599	M-04b	863	0.0760	1.200	0.7099	32.3	64.2	0.003	0	0	0	
1708	1493.235	M-04b	862	0.0690	1.200	0.7197	33.8	64.2	0.003	0	0	0	
1709	1493.871	M-04b	861	0.0700	1.200	0.7161	33.9	63.4	0.002	0	0	0	
1710	1494.507	M-04b	860	0.0700	1.200	0.7155	33.8	63.3	0.004	0	0	0	
1711	1495.144	M-04b	859	0.0710	1.200	0.7006	35.5	62.5	0.009	0	0	0	
1712	1495.781	M-04b	858	0.9900	1.210	0.5650	43.4	60.8	0.049	2	0	1	Poor SRF

1713	1496.420	M-04b	857	3.2590	1.210	0.0016	32.0	69.3	0.048	5	2	1	Noise
1714	1497.058	M-04b	856	0.0700	1.210	0.7014	29.5	64.5	0.019	0	0	0	
1715	1497.697	M-04b	855	0.0820	1.210	0.7109	34.6	63.1	0.008	0	0	0	
1716	1498.337	M-04b	854	0.0710	1.210	0.6843	37.6	62.6	0.045	0	0	0	
1717	1498.977	M-04b	853	0.0710	1.210	0.6752	31.1	63.8	0.051	0	0	0	
1718	1499.618	M-04b	852	0.0700	1.210	0.7034	31.6	63.2	0.018	0	0	0	
1719	1500.259	M-04b	851	0.0870	1.210	0.7088	34.0	62.4	0.004	0	0	0	
1720	1500.901	M-04b	850	0.0970	1.210	0.7172	35.2	62.2	0.004	1	0	0	
1721	1501.543	M-04b	849	0.0920	1.210	0.7067	34.3	62.3	0.018	1	0	0	
1722	1502.186	M-04b	848	0.0930	1.220	0.6919	33.0	61.7	0.017	1	0	0	
1723	1502.830	M-04b	847	0.1060	1.220	0.6942	34.3	61.8	0.003	2	0	0	
1724	1503.474	M-04b	846	0.1030	1.220	0.6895	33.4	64.5	0.004	0	0	0	
1725	1504.118	M-04b	845	0.1140	1.220	0.6708	35.7	64.0	0.007	0	0	1	Poor SRF
1726	1504.763	M-04b	844	0.0970	1.220	0.6482	42.8	61.4	0.025	1	0	1	Poor SRF
1727	1505.409	M-04b	843	0.1270	1.220	0.5137	39.0	60.2	0.045	1	0	1	Poor SRF
1728	1506.055	M-04b	842	0.2210	1.220	0.4195	32.0	59.4	0.033	4	1	1	Poor SRF
1729	1506.702	M-04b	841	1.3110	1.220	0.2255	43.7	55.4	0.034	4	3	1	Popping
1730	1507.349	M-04b	840	9.9999	1.220	0.3581	-320.0	-80.0	0.041	4	2	1	Noise
1731	1507.997	M-04b	839	2.8930	1.220	0.1356	33.0	54.6	0.024	4	2	1	Noise
1732	1508.645	M-04b	838	9.9999	1.230	0.2662	32.2	60.2	0.032	4	2	1	Noise
1733	1509.294	M-04b	837	0.5810	1.230	0.4055	35.6	66.4	0.033	5	0	1	Poor SRF
1734	1509.944	M-04b	836	0.4600	1.230	0.5778	34.8	68.9	0.035	3	0	1	Poor SRF
1735	1510.594	M-04b	835	9.9999	1.230	0.0019	32.6	64.3	0.015	4	2	1	Noise
1736	1511.244	M-04b	834	3.1240	1.230	0.3581	-320.0	-80.0	0.008	5	2	1	Noise
1737	1511.895	M-04b	833	0.1030	1.230	0.6338	39.1	70.4	0.042	1	0	0	
1738	1512.547	M-04b	832	0.1140	1.230	0.6262	32.8	72.9	0.045	1	0	0	
1739	1513.199	M-04b	831	0.1250	1.230	0.6607	33.6	73.5	0.009	1	0	0	
1740	1513.852	M-04b	830	0.1050	1.230	0.6666	38.1	73.6	0.003	1	0	0	
1741	1514.505	M-04b	829	0.3450	1.240	0.6426	39.8	74.1	0.027	1	0	1	Poor SRF
1742	1515.159	M-04b	828	0.0840	1.240	0.6323	38.6	75.3	0.028	0	0	0	
1743	1515.814	M-04b	827	0.0840	1.240	0.6295	39.6	75.0	0.025	0	0	0	
1744	1516.469	M-04b	826	0.0850	1.240	0.6008	40.5	74.8	0.037	0	0	0	
1745	1517.124	M-04b	825	0.1220	1.240	0.3835	32.7	71.6	0.040	2	0	0	
1746	1517.780	M-04b	824	0.3210	1.240	0.5730	31.4	74.9	0.056	0	0	0	
1747	1518.437	M-04b	823	0.1280	1.240	0.6261	30.6	77.0	0.016	0	1	0	
1748	1519.094	M-04b	822	0.0880	1.240	0.6265	40.0	78.9	0.005	0	0	0	
1749	1519.752	M-04b	821	0.1000	1.240	0.6019	48.3	77.1	0.034	0	0	0	
1750	1520.410	M-04b	820	0.0920	1.240	0.5748	43.6	72.3	0.034	0	0	0	
1751	1521.069	M-04b	819	0.0880	1.250	0.5321	37.1	75.4	0.044	0	0	0	
1752	1521.729	M-04b	818	0.0930	1.250	0.5473	29.2	75.7	0.037	0	0	0	
1753	1522.389	M-04b	817	0.0900	1.250	0.5811	36.1	73.8	0.034	0	0	0	
1754	1523.049	M-04b	816	0.0920	1.250	0.5792	33.2	74.4	0.039	0	0	0	
1755	1523.711	M-04b	815	0.0940	1.250	0.6109	35.1	73.7	0.011	0	0	0	
1756	1524.372	M-04b	814	0.0920	1.250	0.6058	39.9	72.0	0.018	0	0	0	
1757	1525.035	M-04b	813	0.1160	1.250	0.5712	43.2	71.7	0.041	1	0	0	
1758	1525.697	M-04b	812	0.0920	1.250	0.5568	35.8	74.4	0.043	0	0	0	
1759	1526.361	M-04b	811	9.9999	1.250	0.3581	-320.0	-80.0	0.016	6	2	1	Noise
1760	1527.025	M-04b	810	0.0900	1.250	0.5841	40.5	75.0	0.033	0	0	0	
1761	1541.117	M-04a	809	0.1140	1.280	0.5656	34.0	54.8	0.022	0	0	0	
1762	1541.793	M-04a	808	0.1140	1.280	0.5312	38.6	56.6	0.052	0	0	0	
1763	1542.470	M-04a	807	0.1140	1.280	0.5420	31.2	61.9	0.052	0	0	0	
1764	1543.147	M-04a	806	0.1160	1.290	0.5837	34.3	61.3	0.022	0	0	0	
1765	1543.824	M-04a	805	0.1330	1.290	0.5793	33.9	62.1	0.024	0	0	0	
1766	1544.503	M-04a	804	0.1230	1.290	0.5745	40.2	62.2	0.026	0	0	0	
1767	1545.182	M-04a	803	0.1180	1.290	0.5498	37.0	65.3	0.039	0	0	0	
1768	1545.861	M-04a	802	0.1160	1.290	0.5926	32.6	68.3	0.034	0	0	0	
1769	1546.541	M-04a	801	0.1590	1.290	0.6084	35.2	68.3	0.005	2	0	0	
1770	1547.221	M-04a	800	0.1190	1.290	0.6075	37.2	68.5	0.009	0	0	0	
1771	1547.903	M-04a	799	0.1190	1.290	0.6234	40.5	68.9	0.003	0	0	0	
1772	1548.584	M-04a	798	0.1580	1.290	0.2372	30.1	69.7	0.005	2	0	0	
1773	1549.267	M-04a	797	0.1160	1.300	0.6108	41.0	70.6	0.036	0	0	0	
1774	1549.949	M-04a	796	0.1590	1.300	0.3581	-320.0	-80.0	0.047	2	0	1	Spatial
1775	1550.633	M-04a	795	0.1170	1.300	0.5997	36.8	74.0	0.033	0	0	0	

1776	1551.317	M-04a	794	0.1170	1.300	0.6216	38.0	74.0	0.004	1	0	0	
1777	1552.002	M-04a	793	0.1160	1.300	0.6132	37.9	75.5	0.003	0	0	0	
1778	1552.687	M-04a	792	0.1180	1.300	0.6158	38.4	76.5	0.003	0	0	0	
1779	1553.373	M-04a	791	0.1180	1.300	0.5913	44.0	74.9	0.014	0	0	0	
1780	1554.059	M-04a	790	0.1180	1.300	0.5485	44.8	75.8	0.045	0	0	0	
1781	1554.746	M-04a	789	9.9999	1.310	0.3581	-320.0	-80.0	0.041	6	2	1	Noise
1782	1555.434	M-04a	788	0.1640	1.310	0.3581	-320.0	-80.0	0.006	2	0	1	Spatial
1783	1556.122	M-04a	787	0.1240	1.310	0.6118	42.1	71.5	0.008	0	0	0	
1784	1556.811	M-04a	786	0.1640	1.310	0.3581	-320.0	-80.0	0.031	2	0	1	Spatial
1785	1557.500	M-04a	785	0.1510	1.310	0.5361	46.9	68.1	0.044	1	0	0	
1786	1558.190	M-04a	784	1.5190	1.310	0.3581	-320.0	-80.0	0.036	5	0	1	Poor SRF
1787	1558.880	M-04a	783	0.1640	1.310	0.4802	36.3	70.2	0.034	1	0	1	Poor SRF
1788	1559.571	M-04a	782	9.9999	1.310	0.3581	-320.0	-80.0	0.029	6	2	1	Noise
1789	1560.263	M-04a	781	0.1690	1.310	0.4527	34.4	73.0	0.040	2	0	0	
1790	1560.955	M-04a	780	0.1280	1.320	0.5326	30.6	74.8	0.033	0	0	0	
1791	1561.648	M-04a	779	9.9999	1.320	0.5777	39.9	71.1	0.008	1	2	1	Noise
1792	1562.342	M-04a	778	9.9999	1.320	0.3581	-320.0	-80.0	0.005	6	2	1	Noise
1793	1563.036	M-04a	777	0.1790	1.320	0.5613	42.0	69.2	0.003	2	0	0	
1794	1563.731	M-04a	776	0.1410	1.320	0.5616	40.0	67.7	0.005	0	0	0	
1795	1564.426	M-04a	775	0.1390	1.320	0.5448	41.1	67.2	0.041	0	0	0	
1796	1565.122	M-04a	774	0.1710	1.320	0.5392	39.2	68.1	0.045	1	0	0	
1797	1565.818	M-04a	773	0.1380	1.320	0.5490	39.8	68.9	0.012	0	0	0	
1798	1566.515	M-04a	772	0.1390	1.320	0.5448	40.4	67.9	0.003	0	0	0	
1799	1567.213	M-04a	771	0.3280	1.330	0.5284	41.3	67.9	0.004	1	0	0	
1800	1567.911	M-04a	770	0.1410	1.330	0.5430	42.2	67.8	0.008	0	0	0	
1801	1568.610	M-04a	769	0.1420	1.330	0.5328	43.0	68.2	0.040	0	0	0	
1802	1569.310	M-04a	768	0.1910	1.330	0.4912	44.8	68.8	0.040	1	0	0	
1803	1570.010	M-04a	767	0.1680	1.330	0.4872	38.2	71.6	0.051	0	0	0	
1804	1570.711	M-04a	766	0.1480	1.330	0.5074	38.0	71.9	0.021	0	0	0	
1805	1571.412	M-04a	765	0.1900	1.330	0.0053	39.5	72.4	0.006	2	0	0	
1806	1572.114	M-04a	764	0.1470	1.330	0.5209	41.6	72.8	0.004	0	0	0	
1807	1572.816	M-04a	763	0.2000	1.340	0.5139	42.4	74.1	0.004	1	0	0	
1808	1573.520	M-04a	762	0.1560	1.340	0.5069	43.0	74.6	0.006	0	0	0	
1809	1574.223	M-04a	761	0.1620	1.340	0.5079	42.9	74.3	0.010	0	0	0	
1810	1574.928	M-04a	760	0.1530	1.340	0.5019	44.1	74.0	0.018	0	0	0	
1811	1575.633	M-04a	759	0.1720	1.340	0.4340	51.3	72.8	0.051	0	0	0	
1812	1576.338	M-04a	758	0.2200	1.340	0.4057	38.1	79.8	0.048	1	0	0	
1813	1577.044	M-04a	757	0.1690	1.340	0.4574	38.0	80.9	0.026	0	0	0	
1814	1577.751	M-04a	756	0.1660	1.340	0.4895	45.3	80.1	0.013	0	0	0	
1815	1578.459	M-04a	755	0.1610	1.340	0.4924	46.0	79.5	0.007	0	0	0	
1816	1579.167	M-04a	754	0.1650	1.350	0.4766	45.0	79.1	0.006	0	0	0	
1817	1579.875	M-04a	753	0.1660	1.350	0.4844	44.9	78.8	0.004	0	0	0	
1818	1580.584	M-04a	752	0.2300	1.350	0.4688	46.5	79.7	0.004	0	0	0	
1819	1581.294	M-04a	751	0.1670	1.350	0.4821	46.6	80.4	0.003	0	0	0	
1820	1582.005	M-04a	750	0.1730	1.350	0.4832	45.1	81.0	0.003	0	0	0	
1821	1582.716	M-04a	749	0.1710	1.350	0.4741	45.1	81.8	0.003	0	0	0	
1822	1583.427	M-04a	748	0.1750	1.350	0.4795	46.4	82.4	0.004	0	0	0	
1823	1584.140	M-04a	747	0.1770	1.350	0.4887	48.1	81.7	0.002	0	0	0	
1824	1584.853	M-04a	746	0.1750	1.360	0.4858	46.7	81.2	0.007	0	0	0	
1825	1585.566	M-04a	745	0.1820	1.360	0.4640	45.1	80.2	0.006	0	0	0	
1826	1586.280	M-04a	744	0.1820	1.360	0.4630	45.3	80.3	0.006	0	0	0	
1827	1586.995	M-04a	743	0.1840	1.360	0.4606	46.7	79.3	0.009	0	0	0	
1828	1587.711	M-04a	742	0.1830	1.360	0.4561	47.9	79.0	0.007	1	0	0	
1829	1588.427	M-04a	741	0.2390	1.360	0.4562	46.9	79.6	0.007	0	0	0	
1830	1589.143	M-04a	740	0.1880	1.360	0.4581	45.8	80.5	0.015	0	0	0	
1831	1589.861	M-04a	739	0.1980	1.360	0.4517	46.9	80.6	0.017	0	0	0	
1832	1590.579	M-04a	738	0.2050	1.360	0.4436	47.0	80.2	0.009	0	0	0	
1833	1591.297	M-04a	737	0.2610	1.370	0.4255	47.3	79.9	0.018	2	0	0	
1834	1592.016	M-04a	736	0.1980	1.370	0.4350	46.1	79.9	0.018	0	0	0	
1835	1592.736	M-04a	735	0.2080	1.370	0.4341	46.7	79.7	0.003	0	0	0	
1836	1593.456	M-04a	734	0.2740	1.370	0.3581	-320.0	-80.0	0.008	2	0	1	Spatial
1837	1594.177	M-04a	733	0.2100	1.370	0.4303	47.8	79.5	0.039	0	0	0	
1838	1594.899	M-04a	732	0.2100	1.370	0.4205	47.2	80.2	0.035	0	0	0	

1839	1595.621	M-04a	731	0.2130	1.370	0.4171	46.9	80.4	0.016	0	0	0
1840	1596.344	M-04a	730	0.2250	1.380	0.4135	46.6	80.5	0.023	0	0	0
1841	1597.068	M-04a	729	0.2230	1.380	0.4041	48.3	80.0	0.010	0	0	0
1842	1597.792	M-04a	728	0.2920	1.380	0.4098	49.9	80.7	0.009	0	0	0
1843	1598.517	M-04a	727	0.2230	1.380	0.4054	49.1	82.3	0.004	0	0	0
1844	1599.242	M-04a	726	0.2320	1.380	0.3943	48.5	83.3	0.005	0	0	0
1845	1599.968	M-04a	725	0.2350	1.380	0.3897	49.1	83.2	0.003	0	0	0
1846	1600.695	M-04a	724	0.2540	1.380	0.3835	50.0	84.5	0.028	0	0	0
1847	1601.422	M-04a	723	0.3230	1.380	0.3749	50.6	83.8	0.030	1	0	0
1848	1602.150	M-04a	722	0.2600	1.390	0.3700	50.7	84.8	0.014	0	0	0
1849	1602.879	M-04a	721	0.2590	1.390	0.3636	49.3	86.3	0.036	0	0	0
1850	1603.608	M-04a	720	0.2650	1.390	0.3571	52.0	85.8	0.038	0	0	0
1851	1604.338	M-04a	719	0.2650	1.390	0.3576	50.7	87.9	0.007	0	0	0
1852	1605.069	M-04a	718	0.2700	1.390	0.3539	50.7	88.4	0.002	0	0	0
1853	1605.800	M-04a	717	0.3570	1.390	0.3447	51.3	88.5	0.005	0	0	0
1854	1606.531	M-04a	716	0.2800	1.390	0.3403	52.4	89.7	0.036	0	0	0
1855	1607.264	M-04a	715	0.3400	1.390	0.3322	51.9	89.6	0.039	0	0	0
1856	1607.997	M-04a	714	0.2930	1.400	0.3403	50.9	90.7	0.017	0	0	0
1857	1608.731	M-04a	713	0.3900	1.400	0.2633	44.7	85.3	0.027	2	0	0
1858	1609.465	M-04a	712	0.3060	1.400	0.3244	56.0	90.1	0.040	0	0	0
1859	1610.200	M-04a	711	0.3570	1.400	0.3168	45.1	91.9	0.026	1	0	0
1860	1610.936	M-04a	710	0.3980	1.400	0.3197	51.0	89.3	0.003	2	0	0
1861	1611.672	M-04a	709	0.3120	1.400	0.3128	55.0	89.3	0.004	0	0	0
1862	1612.409	M-04a	708	0.3120	1.400	0.3090	55.1	92.1	0.005	0	0	0
1863	1613.147	M-04a	707	0.3210	1.400	0.3150	50.3	94.9	0.005	0	0	0
1864	1613.885	M-04a	706	0.3280	1.410	0.3135	53.5	95.7	0.007	0	0	0
1865	2181.522	M-02b	513	0.1090	1.750	0.8342	21.7	59.3	0.088	1	0	0
1866	2182.428	M-02b	512	0.1100	1.750	0.8353	22.8	60.9	0.063	1	0	0
1867	2183.334	M-02b	511	0.0810	1.750	0.8318	22.9	68.0	0.057	0	0	0
1868	2184.242	M-02b	510	0.1090	1.750	0.8469	23.5	63.9	0.045	1	0	0
1869	2185.150	M-02b	509	0.1110	1.750	0.8473	24.4	64.8	0.053	1	0	0
1870	2186.058	M-02b	508	0.0800	1.750	0.8424	22.6	71.8	0.069	0	0	0
1871	2186.968	M-02b	507	0.0800	1.760	0.8464	22.5	72.9	0.087	0	0	0
1872	2187.878	M-02b	506	0.0800	1.760	0.8456	22.8	73.3	0.047	0	0	0
1873	2188.789	M-02b	505	0.0790	1.760	0.8504	24.0	73.6	0.029	0	0	0
1874	2189.700	M-02b	504	0.1070	1.760	0.8571	24.2	68.2	0.039	1	0	0
1875	2190.613	M-02b	503	0.0800	1.760	0.8514	22.9	74.8	0.037	0	0	0
1876	2191.526	M-02b	502	0.0800	1.760	0.8511	23.8	75.8	0.029	0	0	0
1877	2192.440	M-02b	501	0.0800	1.760	0.8516	24.7	75.4	0.060	0	0	0
1878	2193.355	M-02b	500	0.1160	1.770	0.8399	22.4	79.8	0.053	2	0	0
1879	2194.270	M-02b	499	0.0800	1.770	0.8502	24.2	74.3	0.050	0	0	0
1880	2195.186	M-02b	498	0.1150	1.770	0.8423	24.2	80.9	0.023	2	0	0
1881	2196.103	M-02b	497	0.0820	1.770	0.8394	23.4	75.7	0.025	0	0	0
1882	2197.021	M-02b	496	0.0840	1.770	0.8343	24.6	76.5	0.023	0	0	0
1883	2197.939	M-02b	495	0.0840	1.770	0.8376	27.3	75.5	0.017	0	0	0
1884	2198.858	M-02b	494	0.0830	1.770	0.8377	26.6	75.2	0.029	0	0	0
1885	2199.778	M-02b	493	0.0840	1.780	0.8344	25.1	75.4	0.063	0	0	0
1886	2200.699	M-02b	492	0.0840	1.780	0.8327	25.1	75.6	0.052	0	0	0
1887	2201.621	M-02b	491	0.0880	1.780	0.8301	26.4	75.9	0.013	0	0	0
1888	2202.543	M-02b	490	0.0860	1.780	0.8314	27.1	76.0	0.019	0	0	0
1889	2203.466	M-02b	489	0.0880	1.780	0.8317	26.1	76.3	0.064	0	0	0
1890	2204.389	M-02b	488	0.1170	1.780	0.8370	26.4	71.9	0.023	1	0	0
1891	2205.314	M-02b	487	0.0870	1.780	0.8285	24.7	76.0	0.048	0	0	0
1892	2206.239	M-02b	486	0.0880	1.790	0.8291	26.2	76.2	0.019	0	0	0
1893	2207.165	M-02b	485	0.0880	1.790	0.8306	26.9	77.0	0.016	0	0	0
1894	2208.092	M-02b	484	0.0870	1.790	0.8280	27.2	78.1	0.018	0	0	0
1895	2209.020	M-02b	483	0.0880	1.790	0.8302	27.7	79.2	0.020	0	0	0
1896	2209.948	M-02b	482	0.1190	1.790	0.8393	29.2	74.7	0.014	1	0	0
1897	2210.877	M-02b	481	0.1190	1.790	0.8390	28.4	74.7	0.018	1	0	0
1898	2211.807	M-02b	480	0.1190	1.790	0.9225	25.8	84.8	0.023	1	0	0
1899	2212.737	M-02b	479	0.1190	1.800	0.8361	29.9	74.1	0.016	1	0	0
1900	2213.669	M-02b	478	0.0880	1.800	0.8339	28.2	80.5	0.014	0	0	0
1901	2214.601	M-02b	477	0.0880	1.800	0.8404	28.8	80.8	0.012	0	0	0

1902	2215.534	M-02b	476	0.0870	1.800	0.8395	28.0	81.8	0.018	0	0	0	
1903	2216.468	M-02b	475	0.1200	1.800	0.8436	29.8	76.7	0.020	1	0	0	
1904	2217.402	M-02b	474	0.0890	1.800	0.8398	29.7	84.4	0.014	0	0	0	
1905	2218.337	M-02b	473	0.0860	1.810	0.8444	29.0	85.6	0.029	0	0	0	
1906	2219.273	M-02b	472	0.0890	1.810	0.8454	29.0	85.6	0.028	0	0	0	
1907	2220.210	M-02b	471	0.0900	1.810	0.8373	30.2	85.0	0.015	0	0	0	
1908	2221.148	M-02b	470	0.0900	1.810	0.8449	29.6	85.4	0.024	0	0	0	
1909	2222.086	M-02b	469	0.0890	1.810	0.8434	28.8	85.8	0.040	0	0	0	
1910	2223.025	M-02b	468	0.0900	1.810	0.8419	30.1	85.9	0.028	0	0	0	
1911	2223.965	M-02b	467	0.0890	1.810	0.8391	31.4	85.9	0.048	0	0	0	
1912	2224.905	M-02b	466	0.0910	1.820	0.8422	30.3	86.2	0.048	0	0	0	
1913	2225.847	M-02b	465	0.0920	1.820	0.8394	30.3	86.3	0.028	0	0	0	
1914	2226.789	M-02b	464	0.0910	1.820	0.8363	30.6	85.8	0.029	0	0	0	
1915	2227.732	M-02b	463	0.0910	1.820	0.8338	30.5	85.7	0.034	0	0	0	
1916	2228.676	M-02b	462	0.0930	1.820	0.8298	31.2	86.0	0.030	0	0	0	
1917	2229.620	M-02b	461	0.0930	1.820	0.8284	32.3	86.5	0.028	0	0	0	
1918	2230.566	M-02b	460	0.0950	1.820	0.8323	32.2	86.5	0.031	0	0	0	
1919	2231.512	M-02b	459	0.1310	1.830	0.8308	33.0	83.3	0.028	0	0	0	
1920	2232.459	M-02b	458	0.0930	1.830	0.8247	30.6	85.9	0.027	0	0	0	
1921	2233.406	M-02b	457	0.1300	1.830	0.8246	31.8	79.6	0.028	1	0	0	
1922	2234.355	M-02b	456	9.9999	1.830	9.9999	-9999.0	-9999.0	0.025	4	2	1	Noise
1923	2235.304	M-02b	455	0.0970	1.830	0.8181	34.7	85.8	0.026	0	0	0	
1924	2236.254	M-02b	454	0.1010	1.830	0.8179	32.8	86.1	0.024	0	0	0	
1925	2237.205	M-02b	453	0.0970	1.840	0.8193	32.6	86.5	0.024	0	0	0	
1926	2238.157	M-02b	452	0.0990	1.840	0.8129	33.1	86.3	0.021	0	0	0	
1927	2239.109	M-02b	451	0.1350	1.840	0.8148	33.5	80.0	0.019	1	0	0	
1928	2240.062	M-02b	450	0.1010	1.840	0.8068	33.1	87.1	0.019	0	0	0	
1929	2241.016	M-02b	449	0.1010	1.840	0.8058	34.1	87.3	0.020	0	0	0	
1930	2241.971	M-02b	448	0.1050	1.840	0.8028	34.0	88.0	0.023	0	0	0	
1931	2242.927	M-02b	447	0.1010	1.840	0.8024	34.6	89.3	0.035	0	0	0	
1932	2243.883	M-02b	446	0.1010	1.850	0.7978	34.2	89.8	0.019	0	0	0	
1933	2244.840	M-02b	445	0.1110	1.850	0.7898	32.3	91.8	0.019	0	0	0	
1934	2245.798	M-02b	444	0.1050	1.850	0.7896	34.1	90.6	0.018	0	0	0	
1935	2246.757	M-02b	443	0.1060	1.850	0.7903	35.3	90.1	0.018	0	0	0	
1936	2247.717	M-02b	442	0.1060	1.850	0.7841	35.2	90.3	0.019	0	0	0	
1937	2248.677	M-02b	441	0.1190	1.850	0.7872	35.5	91.5	0.020	0	0	0	
1938	2249.638	M-02b	440	0.1070	1.850	0.7847	37.6	92.6	0.019	0	0	0	
1939	2250.600	M-02b	439	0.1060	1.860	0.7861	36.4	93.6	0.017	0	0	0	
1940	2251.563	M-02b	438	0.1080	1.860	0.7828	36.3	93.8	0.018	0	0	0	
1941	2252.526	M-02b	437	0.1090	1.860	0.7800	35.8	94.1	0.020	0	0	0	
1942	2253.491	M-02b	436	0.1090	1.860	0.7750	37.5	94.3	0.021	0	0	0	
1943	2254.456	M-02b	435	0.1100	1.860	0.7761	38.8	94.8	0.025	0	0	0	
1944	2255.422	M-02b	434	0.1540	1.860	0.7745	36.9	97.0	0.021	0	0	0	
1945	2256.389	M-02b	433	0.1130	1.870	0.7674	36.0	96.3	0.019	0	0	0	
1946	2257.356	M-02b	432	0.1120	1.870	0.7659	37.4	96.5	0.015	0	0	0	
1947	2258.325	M-02b	431	0.1140	1.870	0.7631	37.5	96.5	0.018	0	0	0	
1948	2259.294	M-02b	430	0.1150	1.870	0.7586	36.3	96.7	0.018	0	0	0	
1949	2260.264	M-02b	429	0.1640	1.870	0.7541	36.8	104.6	0.019	2	0	0	
1950	2261.235	M-02b	428	0.1160	1.870	0.7514	39.9	97.3	0.018	0	0	0	
1951	2262.206	M-02b	427	0.1190	1.880	0.7439	39.9	97.4	0.018	0	0	0	
1952	2263.179	M-02b	426	0.1170	1.880	0.7473	38.4	97.7	0.019	0	0	0	
1953	2264.152	M-02b	425	0.1190	1.880	0.7437	38.7	97.7	0.019	0	0	0	
1954	2265.126	M-02b	424	0.1210	1.880	0.7378	39.8	97.8	0.022	0	0	0	
1955	2266.101	M-02b	423	0.1720	1.880	0.7347	38.9	103.1	0.023	2	0	0	
1956	2267.077	M-02b	422	0.1240	1.880	0.7369	40.9	97.7	0.026	0	0	0	
1957	2268.053	M-02b	421	0.1240	1.880	0.7315	40.5	97.2	0.029	0	0	0	
1958	2269.031	M-02b	420	0.1240	1.890	0.7276	38.9	96.7	0.030	0	0	0	
1959	2270.009	M-02b	419	0.1280	1.890	0.7211	38.3	96.2	0.035	0	0	0	
1960	2270.988	M-02b	418	0.1270	1.890	0.7151	39.5	96.0	0.031	0	0	0	
1961	2271.968	M-02b	417	0.1290	1.890	0.7117	41.5	96.2	0.034	0	0	0	
1962	2272.948	M-02b	416	0.1300	1.890	0.7078	41.9	95.8	0.038	0	0	0	
1963	2273.930	M-02b	415	0.1820	1.890	0.7014	39.3	102.4	0.039	2	0	0	
1964	2274.912	M-02b	414	0.1320	1.900	0.6981	41.2	95.0	0.039	0	0	0	

1965	2275.895	M-02b	413	0.1920	1.900	0.6875	40.1	102.0	0.040	2	0	0	
1966	2276.879	M-02b	412	0.1390	1.900	0.6867	41.4	94.9	0.042	0	0	0	
1967	2277.864	M-02b	411	0.1390	1.900	0.6820	42.8	94.8	0.039	0	0	0	
1968	2278.849	M-02b	410	0.1400	1.900	0.6798	43.8	93.9	0.041	0	0	0	
1969	2279.836	M-02b	409	0.1390	1.900	0.6781	42.8	93.4	0.040	0	0	0	
1970	2280.823	M-02b	408	0.1430	1.910	0.6756	42.2	93.1	0.042	0	0	0	
1971	2281.811	M-02b	407	0.1460	1.910	0.6670	41.7	92.9	0.048	0	0	0	
1972	2282.800	M-02b	406	0.1490	1.910	0.6618	42.1	92.7	0.050	0	0	0	
1973	2283.789	M-02b	405	0.1520	1.910	0.6527	42.6	93.7	0.049	0	0	0	
1974	2284.780	M-02b	404	0.1530	1.910	0.6515	46.4	93.7	0.048	0	0	0	
1975	2285.771	M-02b	403	0.1510	1.910	0.6510	45.7	93.3	0.046	0	0	0	
1976	2286.764	M-02b	402	0.1510	1.910	0.6524	42.7	93.1	0.044	0	0	0	
1977	2287.757	M-02b	401	0.1530	1.920	0.6438	43.9	93.6	0.043	0	0	0	
1978	2288.750	M-02b	400	0.2190	1.920	0.6385	41.5	101.2	0.046	2	0	0	
1979	2289.745	M-02b	399	0.2220	1.920	0.6326	41.2	100.2	0.046	2	0	0	
1980	2290.741	M-02b	398	0.1600	1.920	0.6293	43.7	92.1	0.045	0	0	0	
1981	2291.737	M-02b	397	0.1640	1.920	0.6225	45.2	93.7	0.046	0	0	0	
1982	2292.734	M-02b	396	0.1630	1.920	0.6226	45.5	94.8	0.044	0	0	0	
1983	2293.732	M-02b	395	0.2230	1.930	0.6159	45.9	89.7	0.041	1	0	0	
1984	2294.731	M-02b	394	0.1750	1.930	0.6120	46.5	96.1	0.042	0	0	0	
1985	2295.731	M-02b	393	9.9999	1.930	9.9999	-9999.0	-9999.0	0.042	6	2	1	Noise
1986	2296.732	M-02b	392	0.1670	1.930	0.6087	47.7	96.2	0.041	0	0	0	
1987	2297.733	M-02b	391	0.1710	1.930	0.6025	47.4	96.0	0.037	0	0	0	
1988	2298.735	M-02b	390	0.1740	1.930	0.5980	47.3	97.1	0.038	0	0	0	
1989	2299.738	M-02b	389	0.1740	1.940	0.5915	47.6	97.6	0.036	0	0	0	
1990	2300.742	M-02b	388	0.1940	1.940	0.5837	47.9	98.3	0.034	0	0	0	
1991	2301.747	M-02b	387	0.1820	1.940	0.5833	49.0	98.4	0.033	0	0	0	
1992	2302.753	M-02b	386	0.1860	1.940	0.5748	48.2	99.3	0.031	0	0	0	
1993	2303.759	M-02b	385	0.2480	1.940	0.5715	49.6	92.1	0.032	1	0	0	
1994	2304.767	M-02b	384	0.1970	1.940	0.5593	48.9	100.9	0.030	0	0	0	
1995	2305.775	M-02b	383	0.1930	1.940	0.5581	51.6	101.3	0.028	0	0	0	
1996	2306.784	M-02b	382	0.1960	1.950	0.5483	50.8	102.0	0.026	0	0	0	
1997	2307.794	M-02b	381	0.1980	1.950	0.5465	50.2	102.8	0.027	0	0	0	
1998	2308.805	M-02b	380	0.2030	1.950	0.5361	49.7	103.6	0.026	0	0	0	
1999	2309.816	M-02b	379	0.2080	1.950	0.5276	51.3	104.1	0.025	0	0	0	
2000	2310.829	M-02b	378	0.2070	1.950	0.5174	52.1	104.8	0.025	0	0	0	
2001	2311.842	M-02b	377	0.2120	1.950	0.5103	52.2	104.9	0.025	0	0	0	
2002	2312.856	M-02b	376	0.2210	1.960	0.4979	51.9	106.2	0.024	0	0	0	
2003	2313.871	M-02b	375	0.2240	1.960	0.4897	55.2	108.7	0.025	0	0	1	Poor SRF
2004	2314.887	M-02b	374	0.2330	1.960	0.4773	56.4	112.0	0.022	0	0	1	Poor SRF
2005	2315.904	M-02b	373	0.2390	1.960	0.4630	55.4	116.3	0.020	0	0	1	Poor SRF
2006	2316.921	M-02b	372	0.3380	1.960	0.4337	33.1	125.5	0.019	2	0	1	Poor SRF
2007	2317.940	M-02b	371	0.2720	1.960	0.3672	-19.0	127.5	0.018	0	0	1	Poor SRF
2008	2318.959	M-02b	370	0.3810	1.970	0.2851	-89.5	135.3	0.017	0	0	1	Poor SRF
2009	2319.980	M-02b	369	0.6720	1.970	0.1876	-175.2	155.0	0.016	1	0	1	Poor SRF
2010	2321.001	M-02b	368	2.0760	1.970	0.0963	-276.9	169.1	0.014	3	2	1	Noise
2011	2322.023	M-02b	367	9.9999	1.970	0.0360	-348.7	160.3	0.014	3	2	1	Noise
2012	2323.045	M-02b	366	9.9999	1.970	0.0065	-268.1	137.8	0.019	5	2	1	Noise
2013	2324.069	M-02b	365	9.9999	1.970	9.9999	-9999.0	-9999.0	0.020	6	2	1	Noise
2014	2325.094	M-02b	364	9.9999	1.980	9.9999	-9999.0	-9999.0	0.014	6	2	1	Noise
2015	2299.826	M-01b	247	9.9999	1.740	9.9999	-9999.0	-9999.0	0.035	6	2	1	Noise
2016	2300.731	M-01b	246	9.9999	1.740	9.9999	-9999.0	-9999.0	0.033	6	2	1	Noise
2017	2301.636	M-01b	245	9.9999	1.750	9.9999	-9999.0	-9999.0	0.034	6	2	1	Noise
2018	2302.542	M-01b	244	1.2080	1.750	9.9999	-9999.0	-9999.0	0.031	5	0	1	Bad SRF
2019	2303.449	M-01b	243	0.3890	1.750	0.4141	240.5	76.1	0.033	2	0	1	Poor SRF
2020	2304.357	M-01b	242	0.1920	1.750	0.5459	155.4	60.5	0.030	0	0	1	Poor SRF
2021	2305.265	M-01b	241	0.1530	1.750	0.6411	91.6	55.1	0.028	0	0	1	Poor SRF
2022	2306.174	M-01b	240	0.2100	1.750	0.6670	42.4	54.4	0.026	1	0	1	Poor SRF
2023	2307.084	M-01b	239	0.2750	1.750	9.9999	-9999.0	-9999.0	0.026	2	0	1	Poor SRF
2024	2307.994	M-01b	238	0.1440	1.750	0.7560	1.6	60.4	0.028	0	0	1	Poor SRF
2025	2308.906	M-01b	237	0.1430	1.760	0.7605	0.8	61.8	0.026	0	0	1	Poor SRF
2026	2309.818	M-01b	236	0.1390	1.760	0.7702	1.9	61.5	0.026	0	0	0	
2027	2310.730	M-01b	235	0.1410	1.760	0.7716	0.7	60.9	0.024	0	0	0	

2028	2311.644	M-01b	234	0.1430	1.760	0.7694	1.6	62.1	0.026	0	0	0
2029	2312.558	M-01b	233	0.1380	1.760	0.7783	3.1	63.0	0.024	0	0	0
2030	2313.473	M-01b	232	0.1390	1.760	0.7862	4.1	63.6	0.024	0	0	0
2031	2314.389	M-01b	231	0.1390	1.760	0.7866	3.9	63.2	0.023	0	0	0
2032	2315.305	M-01b	230	0.1370	1.770	0.7899	2.5	63.1	0.020	0	0	0
2033	2316.223	M-01b	229	0.1380	1.770	0.7952	2.0	63.2	0.020	0	0	0
2034	2317.141	M-01b	228	0.1380	1.770	0.7887	2.4	63.8	0.018	0	0	0
2035	2318.059	M-01b	227	0.1380	1.770	0.7933	2.7	64.1	0.018	0	0	0
2036	2318.979	M-01b	226	0.1370	1.770	0.7923	3.5	64.5	0.017	0	0	0
2037	2319.899	M-01b	225	0.1370	1.770	0.7923	1.6	64.3	0.016	0	0	0
2038	2320.820	M-01b	224	0.1360	1.770	0.7875	1.5	64.1	0.015	0	0	0
2039	2321.742	M-01b	223	0.1370	1.780	0.7927	3.0	64.7	0.014	0	0	0
2040	2322.664	M-01b	222	0.1370	1.780	0.7893	4.5	64.0	0.016	0	0	0
2041	2323.588	M-01b	221	0.1340	1.780	0.7941	4.5	62.7	0.022	0	0	0
2042	2324.512	M-01b	220	0.1380	1.780	0.7942	5.1	61.9	0.018	0	0	0
2043	2325.436	M-01b	219	0.1390	1.780	0.7897	7.7	64.1	0.012	0	0	0
2044	2326.362	M-01b	218	0.1330	1.780	0.7974	6.8	64.7	0.011	0	0	0
2045	2327.288	M-01b	217	0.1340	1.780	0.7966	6.5	65.7	0.012	0	0	0
2046	2328.215	M-01b	216	0.1350	1.790	0.8018	5.2	65.1	0.011	0	0	0
2047	2329.143	M-01b	215	0.1340	1.790	0.8062	5.8	65.4	0.011	0	0	0
2048	2330.072	M-01b	214	0.1340	1.790	0.8069	5.8	66.3	0.012	0	0	0
2049	2331.001	M-01b	213	0.1340	1.790	0.8069	7.7	68.4	0.012	0	0	0
2050	2331.931	M-01b	212	0.1330	1.790	0.8070	7.6	68.2	0.011	0	0	0
2051	2332.862	M-01b	211	0.1330	1.790	0.8154	5.8	66.8	0.011	0	0	0
2052	2333.793	M-01b	210	0.1330	1.800	0.8154	5.3	66.1	0.013	0	0	0
2053	2334.726	M-01b	209	0.1350	1.800	0.8255	7.5	66.0	0.016	0	0	0
2054	2335.659	M-01b	208	0.1370	1.800	0.8260	9.1	65.9	0.021	0	0	0
2055	2336.593	M-01b	207	0.1720	1.800	0.8253	8.4	66.5	0.019	1	0	0
2056	2337.528	M-01b	206	0.1300	1.800	0.8368	9.7	67.3	0.014	0	0	0
2057	2338.463	M-01b	205	0.1280	1.800	0.8415	8.1	67.7	0.012	0	0	0
2058	2339.399	M-01b	204	0.1280	1.800	0.8508	8.1	67.0	0.012	0	0	0
2059	2340.336	M-01b	203	0.1290	1.810	0.8523	9.3	67.1	0.012	0	0	0
2060	2341.274	M-01b	202	0.1290	1.810	0.8552	10.1	65.4	0.013	0	0	0
2061	2342.212	M-01b	201	0.1300	1.810	0.8673	8.8	66.1	0.014	0	0	0
2062	2343.152	M-01b	200	0.1780	1.810	0.8725	9.2	66.9	0.013	2	0	0
2063	2344.092	M-01b	199	0.1250	1.810	0.8800	9.9	66.9	0.011	0	0	0
2064	2345.033	M-01b	198	0.1320	1.810	0.8852	9.3	66.2	0.012	0	0	0
2065	2345.974	M-01b	197	0.1250	1.810	0.9005	9.4	65.8	0.011	0	0	0
2066	2346.917	M-01b	196	0.1250	1.820	0.9043	11.4	67.0	0.013	0	0	0
2067	2347.860	M-01b	195	0.1240	1.820	0.9145	10.5	67.9	0.017	0	0	0
2068	2348.804	M-01b	194	0.1220	1.820	0.9295	8.4	68.8	0.020	0	0	0
2069	2349.748	M-01b	193	0.1300	1.820	0.9294	9.5	68.5	0.016	0	0	0
2070	2350.694	M-01b	192	0.1270	1.820	0.9125	11.6	68.0	0.014	0	0	0
2071	2351.640	M-01b	191	0.1320	1.820	0.9046	11.3	68.9	0.012	0	0	0
2072	2352.587	M-01b	190	0.1740	1.820	0.8956	13.2	69.3	0.011	2	0	0
2073	2353.535	M-01b	189	0.1230	1.830	0.8867	15.0	69.8	0.011	0	0	0
2074	2354.484	M-01b	188	0.1240	1.830	0.8932	13.1	68.8	0.010	0	0	0
2075	2355.433	M-01b	187	0.1260	1.830	0.8807	11.1	69.3	0.011	0	0	0
2076	2356.383	M-01b	186	0.1250	1.830	0.8776	12.3	68.9	0.012	0	0	0
2077	2357.334	M-01b	185	0.1260	1.830	0.8784	13.3	68.8	0.011	0	0	0
2078	2358.286	M-01b	184	0.1280	1.830	0.8631	10.8	70.0	0.010	0	0	0
2079	2359.239	M-01b	183	0.1270	1.840	0.8573	7.9	69.4	0.010	0	0	0
2080	2360.192	M-01b	182	0.1270	1.840	0.8614	10.5	69.2	0.010	0	0	0
2081	2361.146	M-01b	181	0.1300	1.840	0.8632	12.8	72.0	0.009	0	0	0
2082	2362.101	M-01b	180	0.1300	1.840	0.8603	13.7	73.0	0.009	0	0	0
2083	2363.057	M-01b	179	0.1280	1.840	0.8763	14.8	71.5	0.009	0	0	0
2084	2364.013	M-01b	178	0.1320	1.840	0.8808	15.9	69.3	0.010	0	0	0
2085	2364.970	M-01b	177	0.1720	1.840	0.8779	16.8	69.1	0.010	1	0	0
2086	2365.928	M-01b	176	0.1690	1.850	0.8786	16.9	70.0	0.009	0	0	0
2087	2366.887	M-01b	175	0.1250	1.850	0.8917	16.0	70.5	0.010	0	0	0
2088	2367.847	M-01b	174	0.1800	1.850	0.8979	15.7	70.6	0.010	2	0	0
2089	2368.807	M-01b	173	0.1320	1.850	0.9041	15.5	70.7	0.011	0	0	0
2090	2369.769	M-01b	172	0.1280	1.850	0.9091	15.3	69.5	0.013	0	0	0

2091	2370.731	M-01b	171	0.1700	1.850	0.9200	17.7	69.9	0.014	1	0	0
2092	2371.693	M-01b	170	0.1260	1.850	0.9362	17.7	70.9	0.016	0	0	0
2093	2372.657	M-01b	169	0.1260	1.860	0.9389	13.8	71.7	0.017	0	0	0
2094	2373.621	M-01b	168	0.1280	1.860	0.9454	13.7	72.4	0.018	0	0	0
2095	2374.587	M-01b	167	0.1270	1.860	0.9522	18.3	72.9	0.015	0	0	0
2096	2375.553	M-01b	166	0.1280	1.860	0.9623	17.5	72.6	0.015	0	0	0
2097	2376.520	M-01b	165	0.1250	1.860	0.9765	16.6	72.2	0.018	0	0	0
2098	2377.487	M-01b	164	0.1270	1.860	0.9788	17.2	72.2	0.024	0	0	0
2099	2378.456	M-01b	163	0.1710	1.870	0.9833	17.4	72.4	0.028	1	0	0
2100	2379.425	M-01b	162	0.1750	1.870	0.9818	17.4	73.1	0.034	1	0	0
2101	2380.395	M-01b	161	0.1360	1.870	0.9890	20.5	72.9	0.044	0	0	0
2102	2381.366	M-01b	160	0.1860	1.870	0.0036	24.4	77.0	0.050	2	0	0
2103	2382.337	M-01b	159	0.1280	1.870	0.9889	17.7	74.1	0.051	0	0	0
2104	2383.310	M-01b	158	0.1290	1.870	0.9901	17.4	74.0	0.050	0	0	0
2105	2384.283	M-01b	157	0.1300	1.880	0.9892	19.9	73.9	0.050	0	0	0
2106	2385.257	M-01b	156	0.1330	1.880	0.9860	20.3	74.2	0.049	0	0	0
2107	2386.232	M-01b	155	0.1730	1.880	0.9896	20.2	74.8	0.053	1	0	0
2108	2387.208	M-01b	154	0.1750	1.880	0.9893	19.6	75.6	0.051	0	0	0
2109	2388.184	M-01b	153	0.1310	1.880	0.9915	18.3	76.2	0.049	0	0	0
2110	2389.161	M-01b	152	0.1360	1.880	0.9924	18.4	76.5	0.048	0	0	0
2111	2390.140	M-01b	151	0.1340	1.880	0.9925	19.2	76.6	0.049	0	0	0
2112	2391.119	M-01b	150	0.1350	1.890	0.9949	18.7	76.7	0.057	0	0	0
2113	2392.098	M-01b	149	0.1350	1.890	1.0000	19.0	77.2	0.043	0	0	0
2114	2393.079	M-01b	148	0.1380	1.890	0.9932	20.6	78.4	0.016	0	0	0
2115	2394.060	M-01b	147	0.1330	1.890	0.9916	22.0	79.5	0.006	0	0	0
2116	2395.042	M-01b	146	0.1370	1.890	0.9924	19.4	80.0	0.004	0	0	0
2117	2396.025	M-01b	145	0.1410	1.890	0.9922	18.9	81.0	0.005	0	0	0
2118	2397.009	M-01b	144	0.1420	1.900	0.9893	19.9	81.6	0.005	0	0	0
2119	2397.994	M-01b	143	0.1430	1.900	0.9882	21.1	82.1	0.005	0	0	0
2120	2398.979	M-01b	142	0.1440	1.900	0.9866	21.1	83.2	0.005	0	0	0
2121	2399.966	M-01b	141	0.1400	1.900	0.9885	20.3	83.4	0.005	0	0	0
2122	2400.953	M-01b	140	0.1420	1.900	0.9857	19.7	84.1	0.005	0	0	0
2123	2401.941	M-01b	139	0.2050	1.900	0.9795	9.2	2.2	0.005	2	0	0
2124	2402.930	M-01b	138	0.1410	1.910	0.9837	24.0	84.6	0.005	0	0	0
2125	2403.919	M-01b	137	0.1410	1.910	0.9838	22.9	85.4	0.005	0	0	0
2126	2404.910	M-01b	136	0.1410	1.910	0.9850	20.0	86.0	0.005	0	0	0
2127	2405.901	M-01b	135	0.1420	1.910	0.9836	19.1	87.0	0.005	0	0	0
2128	2406.893	M-01b	134	0.1410	1.910	0.9803	20.8	87.9	0.005	0	0	0
2129	2407.886	M-01b	133	0.1890	1.910	0.9807	22.6	87.5	0.005	1	0	0
2130	2408.880	M-01b	132	0.1450	1.910	0.9819	22.0	87.1	0.005	0	0	0
2131	2409.874	M-01b	131	0.1890	1.920	0.9816	21.6	86.6	0.005	1	0	0
2132	2410.869	M-01b	130	0.1460	1.920	0.9807	23.6	87.4	0.005	0	0	0
2133	2411.866	M-01b	129	0.1450	1.920	0.9780	23.6	88.6	0.004	0	0	0
2134	2412.863	M-01b	128	0.1470	1.920	0.9773	23.7	89.7	0.004	0	0	0
2135	2413.861	M-01b	127	0.1450	1.920	0.9758	24.6	89.9	0.004	0	0	0
2136	2414.859	M-01b	126	0.1470	1.920	0.9768	23.4	89.2	0.004	0	0	0
2137	2415.859	M-01b	125	0.1500	1.930	0.9764	22.8	88.7	0.004	0	0	0
2138	2416.859	M-01b	124	0.1480	1.930	0.9750	22.5	88.0	0.004	0	0	0
2139	2417.861	M-01b	123	0.2050	1.930	0.9688	23.2	87.7	0.004	1	0	0
2140	2418.863	M-01b	122	0.1580	1.930	0.9663	23.1	88.0	0.004	0	0	0
2141	2419.866	M-01b	121	0.1550	1.930	0.9554	23.6	88.7	0.004	0	0	0
2142	2420.869	M-01b	120	0.2250	1.930	0.9533	24.7	88.2	0.004	2	0	0
2143	2421.874	M-01b	119	0.2080	1.930	0.9511	25.8	87.8	0.003	1	0	0
2144	2422.879	M-01b	118	0.1610	1.940	0.9469	25.4	87.5	0.003	0	0	0
2145	2446.226	M-02a	363	0.1660	1.980	0.9377	27.2	89.3	0.002	0	0	0
2146	2447.250	M-02a	362	0.1650	1.980	0.9298	28.0	90.1	0.002	0	0	0
2147	2448.276	M-02a	361	0.1710	1.980	0.9247	30.1	90.4	0.002	0	0	0
2148	2449.302	M-02a	360	0.1650	1.990	0.9377	29.5	90.6	0.002	0	0	0
2149	2450.329	M-02a	359	0.1710	1.990	0.9349	27.1	91.7	0.003	0	0	0
2150	2451.357	M-02a	358	0.1710	1.990	0.9283	28.0	92.2	0.003	0	0	0
2151	2452.386	M-02a	357	9.9999	1.990	9.9999	-9999.0	-9999.0	0.003	6	2	1 Noise
2152	2453.415	M-02a	356	0.1730	1.990	0.9235	26.9	92.2	0.003	0	0	0
2153	2454.446	M-02a	355	0.1980	1.990	0.8559	27.1	93.2	0.003	0	0	0

2154	2455.477	M-02a	354	0.2530	2.000	0.8672	28.8	103.8	0.003	2	0	0
2155	2456.509	M-02a	353	0.1750	2.000	0.9242	30.1	91.8	0.003	0	0	0
2156	2457.542	M-02a	352	0.1870	2.000	0.9281	28.4	92.5	0.002	0	0	0
2157	2458.576	M-02a	351	0.1770	2.000	0.9209	29.9	92.6	0.002	0	0	0
2158	2459.610	M-02a	350	0.1810	2.000	0.9287	31.9	92.8	0.001	0	0	0
2159	2460.646	M-02a	349	0.1720	2.000	0.9307	31.4	93.4	0.001	0	0	0
2160	2461.682	M-02a	348	0.2000	2.000	0.9287	30.8	93.6	0.001	0	0	0
2161	2462.719	M-02a	347	0.2440	2.010	0.9366	31.7	84.5	0.001	1	0	0
2162	2463.757	M-02a	346	0.1760	2.010	0.9271	30.4	93.9	0.001	0	0	0
2163	2464.796	M-02a	345	0.1770	2.010	0.9267	30.9	94.5	0.002	0	0	0
2164	2465.836	M-02a	344	0.1780	2.010	0.9253	31.4	94.5	0.002	0	0	0
2165	2466.877	M-02a	343	0.1870	2.010	0.9208	31.6	93.7	0.003	0	0	0
2166	2467.918	M-02a	342	0.1800	2.020	0.9249	32.8	93.5	0.003	0	0	0
2167	2468.961	M-02a	341	0.1870	2.020	0.9270	31.9	93.3	0.004	0	0	0
2168	2470.004	M-02a	340	0.2400	2.020	0.9242	31.3	91.5	0.004	0	0	0
2169	2471.048	M-02a	339	0.1820	2.020	0.9249	31.9	94.5	0.004	0	0	0
2170	2472.093	M-02a	338	0.1800	2.020	0.9222	33.0	94.6	0.004	0	0	0
2171	2473.139	M-02a	337	0.2540	2.020	0.9209	33.8	92.0	0.003	0	0	0
2172	2474.185	M-02a	336	0.2550	2.030	0.9052	30.2	103.0	0.003	2	0	0
2173	2475.233	M-02a	335	0.1830	2.030	0.9181	32.9	93.6	0.003	0	0	0
2174	2476.281	M-02a	334	0.1900	2.030	0.9153	33.2	93.3	0.003	0	0	0
2175	2477.330	M-02a	333	0.1870	2.030	0.9138	33.4	93.5	0.003	0	0	0
2176	2478.380	M-02a	332	0.1940	2.030	0.9109	34.3	93.1	0.002	0	0	0
2177	2479.431	M-02a	331	0.1920	2.030	0.9084	34.3	93.1	0.002	0	0	0
2178	2480.483	M-02a	330	0.1900	2.040	0.9041	35.5	93.6	0.002	0	0	0
2179	2481.536	M-02a	329	0.1950	2.040	0.9052	36.2	93.8	0.002	0	0	0
2180	2482.590	M-02a	328	0.1940	2.040	0.9030	34.8	93.5	0.003	0	0	0
2181	2483.644	M-02a	327	0.2660	2.040	0.8983	34.0	93.7	0.003	0	0	0
2182	2484.699	M-02a	326	0.1960	2.040	0.8942	35.7	94.1	0.003	0	0	0
2183	2485.756	M-02a	325	0.2010	2.040	0.8945	35.3	94.1	0.003	0	0	0
2184	2486.813	M-02a	324	0.2820	2.050	0.8802	31.4	103.1	0.003	2	0	0
2185	2487.871	M-02a	323	0.2060	2.050	0.8827	35.4	93.2	0.002	0	0	0
2186	2488.929	M-02a	322	0.2790	2.050	0.8665	35.8	104.1	0.002	2	0	0
2187	2489.989	M-02a	321	0.2090	2.050	0.8760	38.2	94.0	0.002	0	0	0
2188	2491.050	M-02a	320	0.2080	2.050	0.8774	37.9	94.5	0.002	0	0	0
2189	2492.111	M-02a	319	0.2110	2.060	0.8707	37.6	94.6	0.001	0	0	0
2190	2493.173	M-02a	318	0.2880	2.060	0.8688	39.0	85.8	0.002	1	0	0
2191	2494.237	M-02a	317	0.2110	2.060	0.8628	38.2	95.5	0.002	0	0	0
2192	2495.301	M-02a	316	0.2230	2.060	0.8595	39.3	95.9	0.002	0	0	0
2193	2496.366	M-02a	315	0.2200	2.060	0.8570	39.2	96.2	0.001	0	0	0
2194	2497.432	M-02a	314	0.2190	2.060	0.8512	37.7	96.9	0.001	0	0	0
2195	2498.498	M-02a	313	0.2300	2.060	0.8487	38.0	97.2	0.001	0	0	0
2196	2499.566	M-02a	312	0.2240	2.070	0.8439	40.4	96.7	0.001	0	0	0
2197	2500.635	M-02a	311	0.2250	2.070	0.8418	40.7	97.5	0.001	0	0	0
2198	2501.704	M-02a	310	0.2270	2.070	0.8396	39.4	98.0	0.002	0	0	0
2199	2502.774	M-02a	309	0.2330	2.070	0.8343	38.8	97.5	0.002	0	0	0
2200	2503.846	M-02a	308	0.2400	2.070	0.8249	38.9	97.4	0.001	0	0	0
2201	2504.918	M-02a	307	0.2430	2.080	0.8229	40.8	97.6	0.001	0	0	0
2202	2505.991	M-02a	306	0.2520	2.080	0.8216	43.0	98.0	0.001	0	0	0
2203	2507.064	M-02a	305	0.3290	2.080	0.8208	44.2	89.6	0.001	1	0	0
2204	2508.139	M-02a	304	0.2450	2.080	0.8144	40.7	98.0	0.001	0	0	0
2205	2509.215	M-02a	303	0.2500	2.080	0.8073	40.0	97.4	0.001	0	0	0
2206	2510.291	M-02a	302	0.2440	2.080	0.8014	41.2	96.9	0.001	0	0	0
2207	2511.369	M-02a	301	0.2580	2.090	0.7959	41.2	96.8	0.001	0	0	0
2208	2512.447	M-02a	300	0.2630	2.090	0.7893	41.6	96.5	0.001	0	0	0
2209	2513.526	M-02a	299	0.2750	2.090	0.7854	45.5	96.3	0.001	0	0	0
2210	2514.607	M-02a	298	0.2600	2.090	0.7842	45.5	95.6	0.003	0	0	0
2211	2515.688	M-02a	297	0.2640	2.090	0.7774	41.7	95.3	0.003	0	0	0
2212	2516.770	M-02a	296	0.2730	2.100	0.7695	41.5	95.4	0.003	0	0	0
2213	2517.852	M-02a	295	0.2720	2.100	0.7653	44.5	95.1	0.007	0	0	0
2214	2518.936	M-02a	294	0.2780	2.100	0.7617	45.7	95.1	0.005	0	0	0
2215	2520.021	M-02a	293	0.2770	2.100	0.7579	44.6	95.1	0.002	0	0	0
2216	2521.106	M-02a	292	0.3770	2.100	0.7592	45.7	86.6	0.002	1	0	0

2217	2522.193	M-02a	291	0.2890	2.100	0.7439	43.1	97.2	0.003	0	0	0	
2218	2523.280	M-02a	290	0.2880	2.100	0.7412	45.4	94.4	0.004	0	0	0	
2219	2524.369	M-02a	289	0.2940	2.110	0.7281	45.7	94.5	0.004	0	0	0	
2220	2525.458	M-02a	288	0.3010	2.110	0.7276	46.5	95.0	0.005	0	0	0	
2221	2526.548	M-02a	287	0.2970	2.110	0.7281	45.9	94.9	0.005	0	0	0	
2222	2527.639	M-02a	286	0.3030	2.110	0.7189	44.5	95.1	0.006	0	0	0	
2223	2528.731	M-02a	285	0.3110	2.110	0.7127	44.1	95.6	0.007	0	0	0	
2224	2529.824	M-02a	284	0.3150	2.120	0.7050	47.0	95.4	0.008	0	0	0	
2225	2530.917	M-02a	283	0.3220	2.120	0.7026	48.2	95.2	0.009	0	0	0	
2226	2532.012	M-02a	282	0.3160	2.120	0.6974	46.9	95.3	0.010	0	0	0	
2227	2533.108	M-02a	281	0.3340	2.120	0.6893	46.6	95.9	0.009	0	0	0	
2228	2534.204	M-02a	280	0.3360	2.120	0.6829	48.7	96.5	0.009	0	0	0	
2229	2535.301	M-02a	279	0.3370	2.120	0.6798	49.9	96.8	0.009	0	0	0	
2230	2536.400	M-02a	278	0.3470	2.130	0.6701	48.7	96.6	0.007	0	0	0	
2231	2537.499	M-02a	277	0.3410	2.130	0.6680	48.3	96.1	0.007	0	0	0	
2232	2538.599	M-02a	276	0.4870	2.130	0.6574	48.1	106.5	0.008	2	0	0	
2233	2539.700	M-02a	275	0.3640	2.130	0.6561	50.2	97.7	0.008	0	0	0	
2234	2540.802	M-02a	274	0.3630	2.130	0.6508	49.7	98.8	0.005	0	0	0	
2235	2541.905	M-02a	273	0.3900	2.130	0.6372	50.4	99.3	0.005	0	0	0	
2236	2543.009	M-02a	272	0.3850	2.140	0.6350	52.4	99.7	0.005	0	0	0	
2237	2544.114	M-02a	271	0.3840	2.140	0.6313	52.3	99.9	0.005	0	0	0	
2238	2545.220	M-02a	270	0.5110	2.140	0.6326	53.7	93.1	0.006	1	0	1	Poor SRF
2239	2546.326	M-02a	269	0.5420	2.140	0.6227	53.4	91.7	0.006	1	0	0	
2240	2547.434	M-02a	268	0.3990	2.140	0.6138	51.9	101.3	0.007	0	0	0	
2241	2548.542	M-02a	267	0.5470	2.150	0.6119	54.7	94.0	0.008	1	0	0	
2242	2549.652	M-02a	266	0.5620	2.150	0.6046	55.6	92.5	0.007	1	0	0	
2243	2550.762	M-02a	265	9.9999	2.150	9.9999	-9999.0	-9999.0	0.008	5	2	1	Noise
2244	2551.873	M-02a	264	0.4710	2.150	0.5771	53.7	102.0	0.009	0	0	0	
2245	2552.986	M-02a	263	0.4250	2.150	0.5832	54.6	101.8	0.010	0	0	0	
2246	2554.099	M-02a	262	0.4240	2.150	0.5824	54.6	102.3	0.011	0	0	0	
2247	2555.213	M-02a	261	0.4630	2.160	0.5768	56.4	106.4	0.011	0	0	0	
2248	2556.328	M-02a	260	0.4450	2.160	0.5687	54.6	104.2	0.012	0	0	0	
2249	2557.444	M-02a	259	0.4490	2.160	0.5663	55.7	103.7	0.013	0	0	0	
2250	2558.561	M-02a	258	0.4490	2.160	0.5591	57.5	103.6	0.010	0	0	0	
2251	2559.679	M-02a	257	0.4580	2.160	0.5483	59.8	104.2	0.009	0	0	0	
2252	2560.797	M-02a	256	0.4780	2.170	0.5315	40.1	105.1	0.007	0	0	0	
2253	2561.917	M-02a	255	0.4950	2.170	0.4736	-9.6	106.6	0.006	0	0	0	
2254	2563.038	M-02a	254	0.6550	2.170	0.3905	-81.4	115.5	0.011	0	0	1	Poor SRF
2255	2564.159	M-02a	253	1.0840	2.170	0.2798	-165.5	133.8	0.015	0	0	1	Poor SRF
2256	2565.282	M-02a	252	3.0650	2.170	0.1570	-268.8	155.0	0.012	3	2	1	Noise
2257	2566.405	M-02a	251	9.9999	2.170	0.0632	-351.3	161.3	0.009	5	2	1	Noise
2258	2567.530	M-02a	250	9.9999	2.180	0.0110	-287.5	135.5	0.010	3	2	1	Noise
2259	2568.655	M-02a	249	9.9999	2.180	9.9999	-9999.0	-9999.0	0.012	6	2	1	Noise
2260	2569.782	M-02a	248	9.9999	2.180	9.9999	-9999.0	-9999.0	0.012	6	2	1	Noise
2261	2541.931	M-01a	117	9.9999	1.940	9.9999	-9999.0	-9999.0	0.005	5	2	1	Noise
2262	2542.935	M-01a	116	9.9999	1.940	0.0179	395.4	108.6	0.005	4	2	1	Noise
2263	2543.941	M-01a	115	9.9999	1.940	0.0931	420.8	109.2	0.005	5	2	1	Noise
2264	2544.947	M-01a	114	2.2950	1.940	0.2027	352.6	96.8	0.006	3	2	1	Noise
2265	2545.954	M-01a	113	1.1590	1.940	0.3253	271.4	86.6	0.006	2	0	1	Poor SRF
2266	2546.962	M-01a	112	0.5360	1.940	0.4581	181.1	65.1	0.006	0	0	1	Poor SRF
2267	2547.971	M-01a	111	0.3770	1.950	0.5633	112.4	57.7	0.008	0	0	1	Poor SRF
2268	2548.980	M-01a	110	0.3310	1.950	0.6413	55.9	56.2	0.008	0	0	1	Poor SRF
2269	2549.991	M-01a	109	0.3360	1.950	0.6874	15.4	59.5	0.007	0	0	1	Poor SRF
2270	2551.002	M-01a	108	0.3210	1.950	0.7146	-2.3	63.2	0.008	0	0	1	Poor SRF
2271	2552.014	M-01a	107	0.3140	1.950	0.7252	-2.9	64.7	0.009	0	0	1	Poor SRF
2272	2553.027	M-01a	106	0.3240	1.950	0.7316	-2.4	65.8	0.010	0	0	1	Poor SRF
2273	2554.041	M-01a	105	0.3250	1.950	0.7340	-3.5	66.9	0.011	0	0	0	
2274	2555.055	M-01a	104	0.3240	1.960	0.7362	-4.0	67.9	0.011	0	0	0	
2275	2556.070	M-01a	103	0.3150	1.960	0.7423	-2.3	68.5	0.012	0	0	0	
2276	2557.087	M-01a	102	0.3190	1.960	0.7456	-0.6	69.2	0.013	0	0	0	
2277	2558.104	M-01a	101	0.3220	1.960	0.7471	-0.4	70.1	0.011	0	0	0	
2278	2559.122	M-01a	100	0.3210	1.960	0.7477	-0.0	70.5	0.009	0	0	0	
2279	2560.140	M-01a	99	0.4190	1.960	0.7577	-0.4	65.6	0.008	1	0	0	

2280	2561.160	M-01a	98	0.3240	1.970	0.7534	-0.9	71.4	0.007	0	0	0
2281	2562.180	M-01a	97	0.3090	1.970	0.7580	-0.4	71.6	0.006	0	0	0
2282	2563.201	M-01a	96	0.3040	1.970	0.7619	0.2	71.9	0.012	0	0	0
2283	2564.224	M-01a	95	0.4410	1.970	0.7627	-0.8	76.9	0.015	2	0	0
2284	2565.246	M-01a	94	0.3010	1.970	0.7660	-0.7	72.6	0.012	0	0	0
2285	2566.270	M-01a	93	0.3120	1.970	0.7597	1.3	72.8	0.009	0	0	0
2286	2567.295	M-01a	92	0.3020	1.980	0.7691	1.9	73.0	0.009	0	0	0
2287	2568.320	M-01a	91	0.3020	1.980	0.7686	0.6	72.6	0.011	0	0	0
2288	2569.346	M-01a	90	0.4180	1.980	0.7719	0.5	68.9	0.012	0	0	0
2289	2570.374	M-01a	89	0.3050	1.980	0.7684	1.2	73.5	0.013	0	0	0
2290	2571.401	M-01a	88	0.3060	1.980	0.7675	2.4	73.3	0.013	0	0	0
2291	2572.430	M-01a	87	0.3020	1.980	0.7718	1.2	71.8	0.014	0	0	0
2292	2573.460	M-01a	86	0.3050	1.990	0.7739	1.9	71.1	0.017	0	0	0
2293	2574.490	M-01a	85	0.3020	1.990	0.7720	4.2	71.7	0.013	0	0	0
2294	2575.522	M-01a	84	0.3050	1.990	0.7745	5.8	71.9	0.012	0	0	0
2295	2576.554	M-01a	83	0.3060	1.990	0.7802	5.1	72.4	0.014	0	0	0
2296	2577.587	M-01a	82	0.3090	1.990	0.7815	4.1	72.1	0.017	0	0	0
2297	2578.621	M-01a	81	0.3010	1.990	0.7832	4.1	71.5	0.023	0	0	0
2298	2579.656	M-01a	80	0.2970	2.000	0.7872	4.5	71.2	0.012	0	0	0
2299	2580.691	M-01a	79	0.2950	2.000	0.7869	4.5	71.5	0.014	0	0	0
2300	2581.728	M-01a	78	0.2990	2.000	0.7869	5.1	71.5	0.022	0	0	0
2301	2582.765	M-01a	77	0.3110	2.000	0.7896	5.8	71.3	0.016	0	0	0
2302	2583.803	M-01a	76	0.3100	2.000	0.7912	6.5	71.4	0.010	0	0	0
2303	2584.842	M-01a	75	0.3950	2.000	0.7874	5.1	75.4	0.012	2	0	0
2304	2585.882	M-01a	74	0.2930	2.000	0.7981	6.4	70.7	0.015	0	0	0
2305	2586.923	M-01a	73	0.3060	2.010	0.8008	7.4	71.1	0.015	0	0	0
2306	2587.964	M-01a	72	0.3040	2.010	0.7993	7.8	71.7	0.014	0	0	0
2307	2589.007	M-01a	71	0.4070	2.010	0.8013	5.9	78.1	0.017	2	0	0
2308	2590.050	M-01a	70	0.4100	2.010	0.8060	7.9	77.4	0.019	2	0	0
2309	2591.094	M-01a	69	0.2990	2.010	0.8086	9.1	72.6	0.021	0	0	0
2310	2592.139	M-01a	68	0.2990	2.020	0.8091	9.0	72.4	0.017	0	0	0
2311	2593.185	M-01a	67	0.3000	2.020	0.8109	7.9	72.4	0.022	0	0	0
2312	2594.232	M-01a	66	0.2880	2.020	0.8145	8.1	72.5	0.016	0	0	0
2313	2595.280	M-01a	65	0.2950	2.020	0.8119	9.9	72.8	0.004	0	0	0
2314	2596.328	M-01a	64	0.2980	2.020	0.8133	9.4	72.6	0.012	0	0	0
2315	2597.378	M-01a	63	0.2970	2.020	0.8123	8.7	72.4	0.010	0	0	0
2316	2598.428	M-01a	62	0.4030	2.020	0.8178	9.8	65.9	0.002	1	0	0
2317	2599.479	M-01a	61	0.2940	2.030	0.8144	10.6	73.4	0.005	0	0	0
2318	2600.531	M-01a	60	0.2970	2.030	0.8136	10.7	73.9	0.015	0	0	0
2319	2601.584	M-01a	59	0.2970	2.030	0.8168	11.3	74.2	0.012	0	0	0
2320	2602.637	M-01a	58	0.2960	2.030	0.8140	12.0	74.8	0.002	0	0	0
2321	2603.692	M-01a	57	0.2930	2.030	0.8148	11.9	75.2	0.003	0	0	0
2322	2604.748	M-01a	56	0.2950	2.040	0.8189	11.0	75.2	0.013	0	0	0
2323	2605.804	M-01a	55	0.2980	2.040	0.8174	10.5	75.8	0.025	0	0	0
2324	2606.861	M-01a	54	0.3040	2.040	0.8224	12.5	75.8	0.038	0	0	0
2325	2607.919	M-01a	53	0.3330	2.040	0.8218	13.2	76.4	0.046	0	0	0
2326	2608.978	M-01a	52	0.3010	2.040	0.8231	12.4	77.0	0.025	0	0	0
2327	2610.038	M-01a	51	0.3830	2.040	0.8316	14.3	70.4	0.002	1	0	0
2328	2611.099	M-01a	50	0.3030	2.040	0.8244	12.6	76.7	0.004	0	0	0
2329	2612.160	M-01a	49	0.2990	2.050	0.8251	13.4	76.8	0.017	0	0	0
2330	2613.223	M-01a	48	0.2980	2.050	0.8239	13.3	77.4	0.014	0	0	0
2331	2614.286	M-01a	47	0.2970	2.050	0.8275	14.6	77.8	0.002	0	0	0
2332	2615.350	M-01a	46	0.2970	2.050	0.8326	14.6	77.6	0.002	0	0	0
2333	2616.416	M-01a	45	0.2960	2.050	0.8318	13.5	77.6	0.001	0	0	0
2334	2617.482	M-01a	44	0.3000	2.060	0.8298	13.5	77.9	0.003	0	0	0
2335	2618.549	M-01a	43	0.2950	2.060	0.8254	14.0	77.8	0.009	0	0	0
2336	2619.616	M-01a	42	0.3010	2.060	0.8307	15.2	78.2	0.020	0	0	0
2337	2620.685	M-01a	41	0.2920	2.060	0.8295	14.7	78.4	0.027	0	0	0
2338	2621.755	M-01a	40	0.2990	2.060	0.8285	15.3	78.3	0.052	0	0	0
2339	2622.825	M-01a	39	0.3010	2.060	0.8310	15.6	78.1	0.046	0	0	0
2340	2623.896	M-01a	38	0.2990	2.060	0.8306	16.6	77.9	0.027	0	0	0
2341	2624.969	M-01a	37	0.2940	2.070	0.8368	16.5	78.4	0.031	0	0	0
2342	2626.042	M-01a	36	0.3000	2.070	0.8329	17.5	78.3	0.020	0	0	0

2343	2627.116	M-01a	35	0.3000	2.070	0.8327	16.3	78.0	0.008	0	0	0
2344	2628.191	M-01a	34	0.3120	2.070	0.8347	15.1	77.7	0.021	0	0	0
2345	2629.267	M-01a	33	0.3030	2.070	0.8313	16.7	78.0	0.015	0	0	0
2346	2630.343	M-01a	32	0.3000	2.080	0.8331	19.1	77.5	0.002	0	0	0
2347	2631.421	M-01a	31	0.3770	2.080	0.8480	21.6	67.5	0.001	1	0	0
2348	2632.499	M-01a	30	0.2980	2.080	0.8403	18.9	76.7	0.003	0	0	0
2349	2633.579	M-01a	29	0.2920	2.080	0.8360	16.7	78.1	0.003	0	0	0
2350	2634.659	M-01a	28	0.3100	2.080	0.8285	16.0	79.3	0.021	0	0	0
2351	2635.740	M-01a	27	0.3030	2.080	0.8269	18.0	79.9	0.032	0	0	0
2352	2636.823	M-01a	26	0.3020	2.080	0.8251	19.7	80.0	0.032	0	0	0
2353	2637.906	M-01a	25	0.3160	2.090	0.8276	18.9	80.0	0.054	0	0	0
2354	2638.990	M-01a	24	0.4170	2.090	0.8369	21.2	73.2	0.046	1	0	0
2355	2640.074	M-01a	23	0.3080	2.090	0.8283	20.0	80.9	0.010	0	0	0
2356	2641.160	M-01a	22	0.4100	2.090	0.8288	21.4	77.9	0.021	1	0	0
2357	2642.247	M-01a	21	0.7350	2.090	0.8322	22.2	74.4	0.038	1	0	0
2358	2643.334	M-01a	20	0.3100	2.100	0.8253	20.2	80.8	0.026	0	0	0
2359	2644.423	M-01a	19	9.9999	2.100	9.9999	-9999.0	-9999.0	0.024	6	2	1 Noise
2360	2645.512	M-01a	18	0.3200	2.100	0.8160	20.3	83.9	0.012	0	0	0
2361	2646.602	M-01a	17	0.4230	2.100	0.8215	23.2	76.7	0.002	1	0	0
2362	2647.694	M-01a	16	0.4620	2.100	0.7952	18.0	92.5	0.004	2	0	0
2363	2648.786	M-01a	15	0.3310	2.100	0.8052	21.0	85.2	0.027	0	0	0
2364	2649.879	M-01a	14	0.4750	2.110	0.7945	19.4	95.0	0.027	2	0	0
2365	2650.973	M-01a	13	0.3420	2.110	0.7989	20.7	87.6	0.025	0	0	0
2366	2652.068	M-01a	12	0.4360	2.110	0.8055	24.6	80.1	0.032	1	0	0
2367	2653.163	M-01a	11	0.3630	2.110	0.7884	22.2	88.7	0.010	0	0	0
2368	2654.260	M-01a	10	0.5060	2.110	0.7757	21.1	98.6	0.014	2	0	0
2369	2655.358	M-01a	9	0.4820	2.120	0.7763	20.5	99.3	0.028	2	0	0
2370	2656.456	M-01a	8	0.3390	2.120	0.7825	21.8	91.0	0.027	0	0	0
2371	2657.556	M-01a	7	0.3560	2.120	0.7798	20.8	91.5	0.023	0	0	0
2372	2658.656	M-01a	6	0.3550	2.120	0.7710	21.0	92.3	0.025	0	0	0
2373	2659.757	M-01a	5	0.3620	2.120	0.7701	22.6	92.9	0.036	0	0	0
2374	2660.860	M-01a	4	0.3570	2.120	0.7689	23.5	93.5	0.027	0	0	0
2375	2661.963	M-01a	3	1.0190	2.120	0.7782	26.6	85.0	0.014	1	0	0
2376	2663.067	M-01a	2	0.3660	2.130	0.7630	23.0	94.4	0.030	0	0	0
2377	2664.172	M-01a	1	0.3700	2.130	0.7627	23.6	94.5	0.019	0	0	0
2378	2665.278	M-01a	0	0.5120	2.130	0.7558	23.0	100.2	0.018	2	0	0